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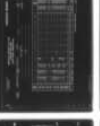
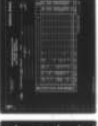
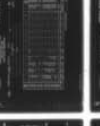
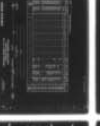
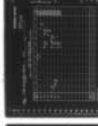
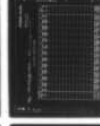
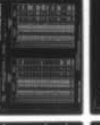
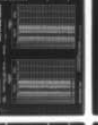
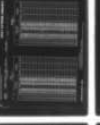
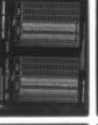
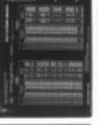
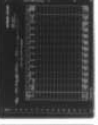
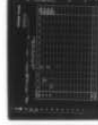
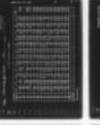
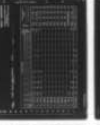
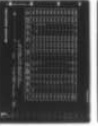
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) CHERRY P--ETC(U)
JUN 78

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1 OF 4
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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		6. PERFORMING ORG. REPORT NUMBER
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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

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A	

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WMO N. WEER
13754	Cherry Point, North Carolina	34° 54' N	76° 53' W	29	KNKT	72309

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARQ LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE WSL		CBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Weather office, 2nd deck North end of Bldg 199	MCAS	1952	1956	34° 54' N	76° 53' W	46	Mercurial	24
2.	Weather office, 1st deck of Bldg 199	"	1956	1965	"	"	35	"	24
3.	Mounted inside wall of observers room (replacement)	"	1965	1967	"	"	35	"	24
4.	Observers room, building relocated	"	1967	1971	"	"	35	"	24
5.	" " " "	"	1971		"	"	37	"	24
1a.	Observers room, Bldg 199	"			"	"	37	Aneroid	24
1b.	GMQ 14 Console Bldg 199	"	1961	1971	"	"	38	"	24
1c.	" " " " relocated	"	1971	1974	"	"	38	"	24
1d.	GMQ 29 Bldg 199	"	1974		"	"	38	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE	
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER		
1.		Atop control tower	Selsyn		90'	1. Barograph (aero-1932) 2. Auto met station (AN/GMQ-29) 3. Cloud height set (AN/GMQ-13B) 4. Theodolite (ML-474/GM) 5. Transmissometer (AN/GMQ-10C) 6. Radar (AN/FPS 106) 7. Weather vision (AN/GMQ-27(V)) 8. Precipitation Gauge (ML-217) 9. Altimeter control ind. (C-7826-F) 10. Wx data recorder (RO-379/GNH) 11. Radar FAX trans (T-1216/GMH 6 (V)) 12. Radar FAX recorder (RO-414/GMH 6 (V))
2.	1957 Re- placement	Atop control tower	UMQ-5C	RD-108	90'	
3.	1959	Two hundred yards from the intersection of runways 01 and 05	UMQ-5	RD-108	15'	
4.	1974					

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET 1tr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSDD), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

13754 STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		10.3	.6	1.3		11.6	29.7	13.5			40.6	155
	04		7.1	.6	.6		8.4	34.8	14.8			43.2	155
	07		8.4	.6	.6		9.0	40.6	18.1			50.3	155
	10	.6	8.4	.6	1.3		9.7	19.4	34.8			47.7	155
	13		9.0		1.3		9.7	10.3	21.9			31.6	155
	16		11.6	.6	1.3		13.5	14.2	14.8			27.1	155
	19		11.0		1.3		12.3	17.4	14.2			31.0	155
	22		9.7	.6	1.9		11.6	22.6	16.8			36.1	155
TOTALS		.1	9.4	.5	1.2		10.7	23.6	18.6			38.5	1240

WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01	.7	7.1		1.4		8.5	19.9	15.6	.7	.7	33.3	141
	04		5.0		.7		5.7	23.4	13.5	.7	.7	35.5	141
	07	.7	6.4		.7		7.1	36.9	25.5	1.4	1.4	58.2	141
	10		6.4	.7	2.1		8.5	12.1	46.8	1.4	1.4	58.9	141
	13	1.4	10.6		.7		11.3	10.6	22.0	1.4	1.4	34.0	141
	16		11.3		1.4		12.8	9.2	17.0	.7	.7	25.5	141
	19		4.3		1.4		5.7	14.9	15.6	.7	.7	30.5	141
	22	.7	5.7	.7	1.4		7.8	14.9	15.6	.7	.7	30.5	141
TOTALS		.4	7.1	.2	1.2		8.4	17.7	21.5	1.0	1.0	38.3	1128

WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 YEARS MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		9.0				9.0	23.2	14.8			34.8	155
	04	.6	9.7		.6		9.7	35.5	13.5			42.6	155
	07	.6	10.3				10.3	45.2	24.5			58.7	155
	10		10.3		1.3		11.0	15.5	38.7			51.0	155
	13	.6	8.4		1.3		9.0	7.7	25.8			31.6	155
	16		9.7		1.3		10.3	11.0	20.0		.6	29.0	155
	19	.6	11.0		.6		11.0	12.9	19.4		.6	31.6	155
	22		7.7				7.7	20.0	16.1			33.5	155
TOTALS		.3	9.5		.6		9.8	21.4	21.6		.2	39.1	1240

WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

73-77

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01	.7	4.7				4.7	18.0	16.7			32.7	150
	04	2.7	5.3				5.3	26.0	19.3			40.0	150
	07	.7	6.0				6.0	38.0	40.7			64.7	150
	10		5.3				5.3	5.3	38.7			44.0	150
	13		4.0				4.0	1.3	29.3			30.7	150
	16	.7	2.0				2.0	2.0	20.7		.7	23.3	150
	19		2.7				2.7	6.0	22.7		.7	28.7	150
	22	.7	4.0				4.0	8.0	22.7			30.0	150
TOTALS		.7	4.3				4.3	13.1	26.4		.2	36.8	1200

WEATHER CONDITIONS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01	1.9	11.0				11.0	34.2	29.0			56.8	155
	04	1.9	7.7				7.7	49.0	29.7			69.7	155
	07	.6	7.7				7.7	40.6	58.1			81.9	155
	10	1.3	4.5				4.5	9.7	43.9			50.3	155
	13	.6	7.1				7.1	2.6	38.7			40.6	155
	16	3.9	7.1				7.1	3.2	31.6			34.8	155
	19	4.5	7.1				7.1	3.2	31.6			34.8	155
	22	2.6	9.0				9.0	12.9	31.6			42.6	155
TOTALS		2.2	7.7				7.7	19.4	36.8			51.4	1240

WEATHER CONDITIONS

13754

STATION CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01	.7	5.3				5.3	33.3	39.3			58.0	150
	04	2.0	7.3				7.3	48.0	38.0			68.7	150
	07		6.7				6.7	36.7	60.0			78.7	150
	10	2.7	8.0				8.0	3.3	56.0			58.7	150
	13	2.7	12.0				12.0	2.7	47.3			50.0	150
	16	2.7	5.3				5.3	1.3	41.3			42.7	150
	19	2.7	5.3				5.3	6.0	39.3			42.0	150
	22	.7	2.7				2.7	18.0	40.7			52.0	150
TOTALS		1.8	6.6				6.6	18.7	45.2			56.4	1200

WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01	1.9	4.5				4.5	25.8	56.8			68.4	155
	04	1.3	1.3				1.3	51.0	59.4			81.3	155
	07		2.6				2.6	35.5	72.3			81.3	155
	10	.6	6.5				6.5	1.9	62.6			64.5	155
	13	2.6	8.4				8.4	2.6	56.8			58.1	155
	16	7.1	5.2				5.2	2.6	54.8			54.8	155
	19	4.5	9.0				9.0	8.4	48.4			53.5	155
	22	5.2	3.9				3.9	14.2	54.2			60.6	155
TOTALS		2.9	5.2				5.2	17.8	58.2			65.3	1240

WEATHER CONDITIONS

13754

STATION NAME

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01		4.5				4.5	48.4	45.2			71.0	155
	04	1.9	5.2				5.2	65.2	46.5			80.6	155
	07		5.2				5.2	63.9	59.4			87.7	155
	10	1.3	5.8				5.8	4.5	60.0			63.2	155
	13	3.9	11.0				11.0	5.8	47.7			52.9	155
	16	7.1	13.5				13.5	5.2	44.5			48.4	155
	19	1.9	8.4				8.4	7.1	43.9			50.3	155
	22	1.9	3.9				3.9	26.5	46.5			61.9	155
TOTALS		2.3	7.2				7.2	28.3	49.2			64.5	1240

WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01	1.3	4.0				4.0	39.3	43.3			62.7	150
	04	1.3	4.0				4.0	49.3	40.7			66.7	150
	07	1.3	3.3				3.3	59.3	63.3			86.0	150
	10	.7	6.7				6.7	6.7	68.7			71.3	150
	13	1.3	7.3				7.3	2.0	51.3			53.3	150
	16	2.7	6.7				6.7	4.0	38.0			42.0	150
	19	.7	3.3				3.3	9.3	40.7			48.7	150
	22	2.7	5.3				5.3	23.3	43.3			56.0	150
TOTALS		1.5	5.1				5.1	24.2	48.7			60.8	1200

WEATHER CONDITIONS

13754 STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01	.6	7.1				7.1	32.3	30.3			51.6	155
	04		7.7				7.7	43.9	29.0			58.1	155
	07		4.5				4.5	56.8	47.7			81.3	155
	10		7.1				7.1	11.0	56.1			64.5	155
	13		7.7				7.7	7.1	38.1			45.2	155
	16		5.8				5.8	4.5	29.7			34.2	155
	19		5.2				5.2	9.7	29.7			37.4	155
	22	.6	7.1				7.1	23.2	32.3			48.4	155
TOTALS		.2	6.5				6.5	23.6	36.6			52.6	1240

WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		5.3				5.3	33.3	14.0			42.0	150
	04	1.3	4.7				4.7	42.0	11.3			48.0	150
	07		10.0				10.0	58.7	26.0			73.3	150
	10		6.7				6.7	13.3	50.0			61.3	150
	13		6.7				6.7	6.0	25.3			31.3	150
	16	.7	5.3				5.3	4.7	16.7			21.3	150
	19		8.0				8.0	11.3	18.7			28.7	150
	22		7.3				7.3	22.0	14.0			33.3	150
TOTALS		.3	6.8		.1		6.8	23.9	22.0			42.4	1200

WEATHER CONDITIONS

13754 STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01	.6	10.3				10.3	26.5	11.0			34.8	155
	04		12.9	1.3			14.2	30.3	10.3			38.1	155
	07	.6	9.7	.6	.6		11.0	36.1	17.4			48.4	155
	10		11.6		.6		12.3	14.8	36.1			51.0	155
	13		11.0		.6		11.6	7.1	23.9			31.0	155
	16		11.6		.6		11.6	11.0	14.8			25.2	155
	19	.6	14.8	.6			15.5	14.2	11.6			25.2	155
	22		12.9	.6			13.5	16.8	12.9			28.4	155
TOTALS		.2	11.9	.4	.3		12.5	19.6	17.3			35.3	1240

WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	9.4	.5	1.2		10.7	23.6	18.6			38.5	1240
FEB		.4	7.1	.2	1.2		8.4	17.7	21.5	1.0	1.0	38.3	1128
MAR		.3	9.5		.6		9.8	21.4	21.6		.2	39.1	1240
APR		.7	4.3				4.3	13.1	26.4		.2	36.8	1200
MAY		2.2	7.7				7.7	19.4	36.8			51.4	1240
JUN		1.8	6.6				6.6	18.7	45.2			56.4	1200
JUL		2.9	5.2				5.2	17.8	58.2			65.3	1240
AUG		2.3	7.2				7.2	28.3	49.2			64.5	1240
SEP		1.5	5.1				5.1	24.2	48.7			60.8	1200
OCT		.2	6.5				6.5	23.6	36.6			52.6	1240
NOV		.3	6.3		.1		6.8	23.9	22.0			42.4	1200
DEC		.2	11.9	.4	.3		12.5	19.6	17.3			35.3	1240
TOTALS		1.1	7.3	.1	.3		7.6	20.9	33.5	.1	.1	48.4	14608

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

5701 WEATHER CONDITIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

ALL
MONTH

49-77
YEARS

CHERRY POINT, NORTH CAROLINA
STATION NAME

13754
STATION

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	1.8	43.7	2.1	6.5		45.4	54.2	62.5	.3		76.8	898
FEB		3.5	45.3	.5	4.0		47.3	52.9	66.2	.5	.1	76.8	819
MAR		5.6	43.8	.2	2.8	.2	44.3	54.7	64.8	.1	.3	76.8	899
APR		9.7	37.5		.1		37.5	54.4	68.1		.2	79.1	869
MAY		19.8	45.7			1.0	45.7	63.6	76.8		.3	86.2	899
JUN		24.0	47.4			.8	47.4	67.5	81.0		.1	89.0	870
JUL		34.7	54.9			.3	54.9	61.1	78.6		.1	85.0	899
AUG		28.8	53.5			.2	53.5	70.9	82.8		.1	91.5	899
SEP		14.1	44.7			.1	44.7	68.0	81.6			87.9	870
OCT		4.9	35.8			2.4	36.9	68.3	73.0			86.2	899
NOV		3.2	35.1		1.3		35.3	61.6	71.5		.1	81.3	870
DEC		1.7	40.7	.2	2.8		41.7	59.7	65.2	.2		75.5	899
TOTALS		12.6	44.0	.2	1.5	.4	44.5	60.9	72.8	.1	.1	82.7	10590

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754 STATION NAME CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 MONTH JANUARY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.0		.7	1.3	2.0	2.0			8.1	5.4	13.4			69.8
NNE	12.9	1.0	1.0	3.0	3.0	4.0			19.8	6.9	17.8			51.5
NE	9.8		3.9		2.0				25.5	3.9	11.8			58.8
ENE	4.3	2.1	6.4						19.1	12.8	14.9			55.3
E	15.2		3.0						3.0	15.2	9.1			63.6
ESE	15.4		9.1						36.4	9.1	9.1			45.5
SE	15.4										15.4			76.9
SSE	20.0	20.0							30.0	10.0	10.0			50.0
S	4.8	6.5							17.7	6.5	24.2			50.0
SSW	1.3	11.4						1.3	15.2	22.8	27.8			39.2
SW	1.4	2.9	1.4						4.3	14.3	25.7			58.6
WSW	6.7	1.1							10.0	6.7	27.8			58.9
W	5.2	2.6							10.4	6.5	19.5			63.6
WNW	1.6	1.6				1.6			4.7	7.8	12.5			76.6
NW	1.9	1.9							9.3	1.9	22.2			66.7
NNW	12.2	1.4		1.4					13.5	4.1	9.5			70.3
VARIABLE														
CALM	4.3	.8	2.4						15.3	19.7	20.0			52.2
TOTAL	74	27	16	6	7	8		1	162	131	231			728
% TOTAL	6.0	2.2	1.3	.5	.6	.6		.1	13.1	10.6	18.6			58.7

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 MONTH FEBRUARY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.8	2.3	3.5	1.2	3.5	9.3			16.3	2.3	9.3	10.5		62.8
NNE	2.9	1.4	4.3		1.4	4.3			17.4	10.1	34.8	1.4		37.7
NE	2.2	4.3				2.2				4.3	37.0			56.5
ENE	8.9		6.7						13.3	4.4	26.7			55.6
E										3.8	34.6			61.5
ESE											40.0			60.0
SE	16.7	16.7	8.3					8.3	8.3	8.3	16.7			50.0
SSE	25.0	25.0						8.3	33.3	25.0	8.3			33.3
S	4.3	10.6							10.6	17.0	23.4			46.8
SSW	4.3	5.7						1.4	8.6	14.3	28.6			51.4
SW	5.3	2.7	1.3						1.3	16.0	21.3			64.0
WSW	.9	2.7	.9					1.8	2.7	6.3	21.6			64.0
W	5.4	1.1						1.1	4.3	9.8	32.6			46.7
WNW									8.2	8.2	22.4			65.3
NW	2.6								5.1		11.5			83.3
NNW		2.3	2.3			2.3			6.0	2.3	13.6	2.3		75.0
VARIABLE														
CALM	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
TOTAL	39	28	13	2	4	13		5	77	123	239	11		673
% TOTAL	3.5	2.5	1.2	.2	.4	1.2		.4	6.8	10.9	21.2	1.0		59.7

TOTAL NUMBER OF OBSERVATIONS 1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754

CHERRY POINT, NORTH CAROLINA

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

MARCH

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		3.9	2.6			1.3			22.1	5.2	18.2			55.8
NNE	2.4	4.7	10.6			5.9		1.2	23.5	15.3	15.3			47.1
NE	4.2	6.3	2.1						25.0	2.1	27.1			50.0
ENE	8.2	1.6	4.9						18.0	8.2	18.0			55.7
E	12.5	3.6	3.6						10.7	16.1	10.7			58.9
ESE	15.8	5.3							10.5	10.5	36.8			42.1
SE	22.2	11.1							22.2	11.1	16.7			38.9
SSE	30.4	4.3							8.7	13.0	17.4			56.5
S	7.0	8.1	2.3						15.1	10.5	25.6			53.5
SSW		5.5	1.1					1.1	5.5	8.8	33.0			57.1
SW	4.5	5.6							7.9	12.4	38.2			46.1
WSW		3.8	1.3					1.3	3.8	5.1	20.3		2.3	67.1
W									5.4	2.7	31.1			60.8
WNW	2.6	2.6	2.6						2.6	2.6	21.1			71.1
NW		1.6	1.6					1.6	7.9	1.6	12.7			81.0
NNW	3.6	1.8				3.6			5.4		23.2			66.1
VARIABLE														
CALM	2.5	1.4	1.4						1.4	21.3	15.3			62.1
TOTAL	50	44	24			8		4	131	134	268		2	726
% TOTAL	4.0	3.5	1.9			.6		.3	10.6	10.8	21.6		.2	58.5

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 MONTH APRIL ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		1.5						1.5	4.6	1.5	23.1			69.2
NNE	2.2	4.3							17.4	2.2	23.9			56.5
NE										3.3	20.0			76.7
ENE	6.7	6.7							11.1		33.3			55.6
E	7.0	9.3							11.6		32.6			55.8
ESE		4.3							4.3	13.0	30.4			56.5
SE		11.1						11.1		11.1	22.2			66.7
SSE											9.1			90.9
S	3.7	3.7						.9	5.6	1.9	27.1			64.5
SSW		5.2						2.6	1.3	9.7	26.6			59.7
SW		2.0							2.0	5.1	28.3			64.6
WSW	1.9	.9							2.8	4.7	40.6		.9	53.8
W		1.3	1.3						1.3	1.3	26.7		1.3	69.3
WNW		1.9								7.5	24.5			67.9
NW		4.0								2.0	10.0			86.0
NNW	2.1	2.1						2.1	2.1	8.5	12.8			76.6
VARIABLE														
CALM	1.3	1.6							2.3	20.5	28.3			52.3
TOTAL	17	33	1					8	43	114	316		2	745
% TOTAL	1.4	2.8	.1					.7	3.6	9.5	26.3		.2	62.1

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 YEARS MONTH MAY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.3							2.6	12.8	7.7	41.0			42.3
NNE	6.3	1.6							12.9	14.5	41.9			33.9
NE	5.4	4.1	1.4						9.5	14.9	47.3			36.5
ENE	4.7	4.7						3.1	3.1	9.4	32.8			51.6
E	3.0	11.9						3.0	1.5	13.4	44.8			35.8
ESE	3.6	10.7							10.7	17.9	35.7			39.3
SE	7.4	11.1						3.7	16.5	3.7	40.7			37.0
SSE	3.4	10.2						1.7	3.4	6.8	44.1			45.8
S	4.4	5.3						3.5	3.5	8.8	23.9			59.3
SSW	.9	6.4						3.6	.9	4.5	26.4			63.6
SW		5.0						2.5	1.3	10.0	35.0			52.5
WSW	1.5	6.0						1.5	3.0	13.4	34.3			50.7
W		6.7	1.7					6.7	3.3	11.7	46.7			41.7
WNW		8.0						8.0		12.0	36.0			52.0
NW	2.4	4.8						2.4	4.8	9.5	31.0			50.0
NNW		10.0	3.3						6.7	10.0	53.3			33.3
VARIABLE														
CALM														
TOTAL	29	63	3					27	62	179	455			565
% TOTAL	2.3	5.1	.2					2.2	5.0	14.4	36.7			45.6

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754

CHERRY POINT, NORTH CAROLINA

JANUARY 1973-DECEMBER 1977

JUNE

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.8	1.9							9.4	5.7	43.4			43.4
NNE	8.1	3.2	1.6					3.2	6.5	11.3	46.8			40.3
NE	7.4								9.3		44.4			46.3
ENE	4.8	3.2	1.6					4.8	6.5	8.1	40.3			51.6
E	1.6	11.1						1.6	3.2	3.2	49.2			38.1
ESE	3.4	6.9						3.4	3.4	3.4	51.7			44.8
SE		8.7						4.3		17.4	26.1			56.3
SSE	2.6	7.7							2.6	10.3	35.9			51.3
S	1.6	5.6						1.6	3.2	8.1	40.3			52.4
SSW		4.8						3.2	3.2	8.1	41.1			46.8
SW		8.7						1.9	3.8	16.3	51.9			37.5
WSW		8.3						1.4	6.9	18.1	58.3			29.2
W		3.7							3.7	16.7	63.0			20.4
WNW		7.1	7.1							7.1	35.7			57.1
NW			2.9							2.9	50.0			50.0
NNW			6.1							15.2	48.5			45.5
VARIABLE														
CALM		1.2	4					1.6	3.9	29.8	40.8			34.9
TOTAL	19	53	7					21	56	168	540			498
% TOTAL	1.6	4.4	.6					1.8	4.7	14.0	45.0			41.5

TOTAL NUMBER OF OBSERVATIONS

1,199

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 MONTH JULY ALL
STATION NAME YEARS HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW GRAINS "PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		7.9							7.9	7.9	55.3			34.2
NNE		2.5							2.5	10.0	55.0			40.0
NE		2.7							2.7	13.5	64.9			35.1
ENE		1.7						3.4		10.2	50.8			47.5
E		2.0						2.0	3.9	2.0	60.8			37.3
ESE		3.8							11.5		53.8			34.6
SE										6.3	56.3			43.8
SSE		3.3						4.2		4.2	70.8			25.0
S	1.8	7.3						2.7	.9	12.7	47.3			44.5
SSW	1.4	4.2	.7					3.5	.7	8.3	56.9			36.1
SW		5.7						4.1	1.6	15.4	61.0			29.3
WSW	1.0	1.9						2.9	2.9	7.8	62.1			31.1
W		7.1						5.1	2.0	11.2	69.4			25.5
WNW		4.5						9.1	9.1	9.1	63.6			22.7
NW		16.0						4.0		20.0	76.0			16.0
NNW		4.8						9.5	4.8	23.8	38.1			28.6
VARIABLE														
CALM	.7	2.6	.7					2.0	3.0	30.4	56.4			28.1
TOTAL	7	54	3					36	31	189	721			405
% TOTAL	.6	4.4	.2					2.9	2.5	15.2	58.1			32.7

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 YEARS MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SHEET "SHOWERS ICE CRYSTALS	SNOW "GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		11.4						2.3	9.1	15.9	70.5			11.4
NNE	1.5	9.2						3.1	9.2	13.8	52.3			27.7
NE	1.9	3.8	3.8					1.9	15.1	3.8	47.2			37.7
ENE	8.5	4.9	1.2						8.5	7.3	42.7			40.2
E	6.8	4.1						1.4	8.1	9.5	54.1			31.1
ESE	3.7							3.7	3.7		63.0			29.6
SE		12.5						12.5		18.8	50.0			37.5
SSE	4.2	8.3						8.3	8.3	29.2	29.2			33.3
S	1.2	8.1						1.2	2.3	15.1	40.7			45.3
SSW	1.0	6.1						1.0		10.1	48.5			41.4
SW	1.0	6.8						4.9	2.9	17.3	43.7			40.8
WSW		6.1						2.0	4.1	13.3	43.9			43.9
W		2.8						2.8	4.2	19.7	53.5			39.4
WNW		13.0						13.0		34.8	56.5			26.1
NW		20.0						10.0	5.0	10.0	50.0			30.0
NNW			6.7						6.7	20.0	80.0			13.3
VARIABLE														
CALM	1.2	1.2						6.6	4.1	19.1	49.7			21.8
TOTAL	22	63	4					28	62	289	610			402
% TOTAL	1.8	5.1	.3					2.3	5.0	23.3	49.2			32.4

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754

CHERRY POINT, NORTH CAROLINA

JANUARY 1973-DECEMBER 1977

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET "SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS "SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.4	2.7						1.4	2.7	15.1	39.7			47.9
NNE	1.9	3.7							9.3	20.6	48.6			33.6
NE	1.1	1.1							3.2	14.7	63.2			30.3
ENE	1.1	3.4						1.1	2.3	3.4	60.9			34.5
E	1.4	5.5						2.7	5.5	5.5	47.9			41.1
ESE	3.7	11.1						10.0	7.4	11.1	37.0			44.4
SE		15.0						7.5	5.0	30.0	40.0			35.0
SSE	2.5	12.5							5.0	7.5	42.5			42.5
S		2.4							1.2	6.1	34.1			62.2
SSW	1.4	5.6						1.4	4.2	2.8	33.8			57.7
SW		5.7						3.8	3.8	9.4	49.1			43.4
WSW		3.4						1.7	13.6	13.6	52.5			25.4
W		6.1						6.1	9.1	18.2	37.6			27.3
WNW		4.0						4.0	4.0	12.0	60.0			28.0
NW	7.4	7.4							7.4	11.1	63.0			25.9
NNW			4.5						18.2	18.2	45.5			22.7
VARIABLE														
CALM	3.3	8.3						7.7	5.6	18.5	44.7			33.3
TOTAL	12	48	1					18	67	223	577			456
% TOTAL	1.0	4.0	.1					1.5	5.6	18.6	48.1			38.0

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

JANUARY 1973-DECEMBER 1977

MONTH
OCTOBER

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.8	3.4	2.6						18.1	6.9	40.5			37.9
NNE	5.0	2.2	1.1						7.2	13.3	27.6			53.0
NE	3.7	2.8	.9						10.1	11.0	31.2			51.4
ENE	2.4	6.1							3.7	6.1	43.9			47.6
E		4.9								4.9	53.7			46.3
ESE	9.1								18.2	18.2	54.5			18.2
SE	16.7	16.7							25.0	16.7	50.0			16.7
SSE		16.7							16.7		16.7			66.7
S		12.2						2.4	2.4	12.2	29.3			53.7
SSW		7.0						2.3	4.7	4.7	25.6			60.5
SW	2.3	4.5							2.3	6.8	36.4			54.5
WSW		2.0								15.7	43.1			45.1
W	1.4	7.2	1.6						4.3	13.0	43.5			40.6
WNW	4.0								12.0	8.0	36.0			52.0
NW	2.8								16.7	2.8	19.4			58.3
NNW	5.8	3.8							13.5	11.5	13.4			63.5
VARIABLE														
CALM									6.9	31.8	43.1			37.6
TOTAL	34	40	7					2	99	193	452			572
% TOTAL	2.7	3.2	.6					.2	8.0	15.6	36.5			46.1

TOTAL NUMBER OF OBSERVATIONS

1,240

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

YEARS
JANUARY 1973-DECEMBER 1977

MONTH
NOVEMBER

HOURS (L.S.T.)
ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.2	1.2	2.4						12.0	4.8	15.7			67.5
NNE	3.1		7.8						20.3	9.4	23.4			48.4
NE	3.9		3.9						22.1	13.0	23.4			40.3
ENE	9.4	3.1	3.1						18.8	3.1	26.6			50.0
E	5.9	5.9							11.8	2.9	38.2			47.1
ESE	6.7	6.7							26.7	6.7	26.7			40.0
SE	11.1								44.4					55.6
SSE		6.3								12.3	43.8			43.8
S	4.3	4.3							4.3	18.2	20.3			56.8
SSW	1.7	6.8						1.7	5.1	5.1	18.6			69.5
SW	1.6	6.3	3.2						7.9	3.2	15.9			69.8
WSW	2.9		1.4					1.4	2.9	12.9	24.3			61.4
W	1.3		1.3						2.7	8.0	22.7			66.7
WNW									4.2	6.3	8.3			81.3
NW	3.2	1.6	3.2						9.5	3.2	19.0			66.7
NNW		1.3	3.0						4.3	6.0	25.4			64.2
VARIABLE														
CALM														
TOTAL	38	20	23		1			3	132	153	263			674
% TOTAL	3.2	1.7	1.9		.1			.3	11.0	12.9	21.9			56.2

TOTAL NUMBER OF OBSERVATIONS

1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754

CHERRY POINT, NORTH CAROLINA

JANUARY 1973-DECEMBER 1977

DECEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.2	2.1	5.2	1.0		1.0			11.3	5.2	10.3			67.0
NNE	10.5		3.5						8.8		10.5			73.7
NE	15.6	1.3	1.3					1.3	11.7	10.4	15.6			58.4
ENE	9.3								11.1	1.9	25.9			59.3
E	16.3	2.0				2.0			22.4	2.0	16.3			55.1
ESE	40.0								20.0		10.0			50.0
SE	20.0								26.7	6.7	13.3			46.7
SSE	9.5	4.8						4.8	4.8	4.8	23.8			61.9
S	13.5	2.7	2.7						5.4	8.1	13.5			59.5
SSW	7.0	5.3							15.8	10.5	26.3			47.4
SW	9.8	1.6							9.8	13.1	16.4			59.0
WSW	9.2	1.0	1.0	1.0					8.2	8.2	24.5			53.1
W	6.7	1.5						.7	8.9	5.2	20.0			61.5
WNW	3.1		1.6			1.6				4.7	17.2			75.0
NW	3.2		4.8			1.6			9.7	1.6	16.1			72.6
NNW	6.2		4.9						14.8	1.2	6.2			74.1
VARIABLE														
CALM														
TOTAL	111	15	21	5		4		3	140	103	214			751
% TOTAL	9.0	1.2	1.7	.4		.3		.2	11.3	8.3	17.3			60.6

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

13754 STATION CHERRY POINT, NORTH CAROLINA JANUARY 1973-DECEMBER 1977 YEARS ALL MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.9	2.3	1.7	.4	.6	1.4		.5	11.7	6.3	27.4	.9		54.2
NNE	5.0	2.8	2.4	.3	.4	1.3		.5	12.8	11.6	31.9	.1		43.7
NE	4.9	2.1	1.5		.1	.1		.3	11.3	9.1	36.3			46.3
ENE	5.3	3.3	1.7					1.1	8.9	6.3	36.7			49.1
E	5.6	5.6	.5			.2		1.1	6.9	6.9	39.7			45.2
ESE	6.4	5.1	.4					.8	10.6	7.6	40.7			41.3
SE	8.4	8.9	.5					3.7	11.6	11.6	31.1			43.3
SSE	6.7	9.3						3.2	6.3	10.2	35.4			47.0
S	3.4	6.2	.3					1.3	5.3	9.7	31.4			54.1
SSW	1.3	5.9	.2					2.2	4.4	9.2	34.9			51.3
SW	1.9	5.0	.4					1.7	3.8	12.2	37.3			49.8
WSW	2.2	3.0	.4	.1				1.2	5.0	9.8	37.3		.3	49.3
W	2.2	3.1	.3					1.6	3.0	9.4	38.2		.1	49.1
WNW	1.1	2.4	.7			.4		1.8	3.6	8.7	26.7			62.9
NW	2.0	3.1	1.3			.2		.9	6.7	4.0	25.1			64.6
NNW	3.7	2.0	2.2	.2		.6		.7	8.7	7.7	22.9	.2		61.3
VARIABLE														
CALM														
TOTAL	432	488	123	13	12	33		156	1062	2001	4886	11	4	7195
% TOTAL	3.1	3.3	.6	.1	.1	.2		1.1	7.3	13.7	33.4	.1	.0	49.3

TOTAL NUMBER OF OBSERVATIONS 14,607

NWSD, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION
SNOWFALL*
SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS
DERIVED FROM DAILY OBSERVATIONS
DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13754 STATION CHERRY POINT, NORTH CAROLINA 45-77 YEARS

5722 Daily Amounts Jan. 1969

AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASUR-ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	54.0	12.6	1.6	6.3	4.6	7.6	6.2	5.1	2.0					33.4	961	3.37	6.31	.46	
FEB	53.6	12.9	2.2	5.5	4.2	4.6	7.0	6.9	3.1	.1				33.5	875	3.87	8.25	.56	
MAR	55.4	13.5	1.8	4.8	5.0	6.4	5.9	5.2	2.2					31.1	1023	3.24	7.15	.69	
APR	62.5	11.4	1.8	5.6	3.3	5.6	4.6	3.1	1.9	.1				26.1	930	2.51	6.29	.06	
MAY	54.1	13.3	2.2	5.4	2.2	5.8	8.0	5.5	3.2	.3	.1			32.6	1023	4.58	12.24	1.19	
JUN	52.8	10.5	3.1	6.3	2.8	7.1	6.1	6.9	3.5	.9				36.7	990	5.27	11.29	.86	
JUL	43.4	13.1	2.4	5.6	5.2	7.6	7.1	7.4	6.5	1.5	.1			43.5	1023	7.95	20.71	2.39	
AUG	45.8	13.2	2.4	6.9	5.1	6.8	6.5	7.2	4.6	1.0	.4			41.0	1023	6.59	26.29	1.49	
SEP	53.7	13.0	2.8	5.8	4.1	5.5	4.5	4.1	4.7	1.4	.2			33.2	990	5.95	19.36	1.79	
OCT	63.8	9.9	2.7	6.0	3.1	3.9	3.7	3.1	2.9	.8				26.3	1023	3.66	10.96	.52	
NOV	62.9	10.7	2.2	4.7	3.0	5.5	4.5	3.5	2.4	.4				26.4	990	3.22	9.20	.44	
DEC	58.3	13.1	2.9	4.6	3.3	5.3	5.1	3.7	3.4	.3				28.6	1023	3.59	9.19	.62	
ANNUAL	55.0	12.3	2.3	5.6	3.8	6.0	5.8	5.1	3.4	.6	.1			32.7	11874	53.80			

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 13754 CHERRY POINT, NORTH CAROLINA 65-77 YEARS

5722 Daily Amounts Jan 1969

PRECIP. SNOWFALL SNOW- DEPTH	NONE	TRACE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.1-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																			MEAN	GREATEST	LEAST
JAN	95.3	3.3	.1	.6	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.4	930	.6	4.8	.0
FEB	96.1	2.5	.6	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.4	876	1.0	15.8	.0
MAR	97.6	1.9	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.6	1023	.3	7.7	.0
APR	100.0																	900	.0	.0	.0
MAY	100.0																	992	.0	.0	.0
JUN	100.0																	990	.0	.0	.0
JUL	100.0																	961	.0	.0	.0
AUG	100.0																	992	.0	.0	.0
SEP	100.0																	960	.0	.0	.0
OCT	100.0																	1023	.0	.0	.0
NOV	98.9	1.1																960	TRACE	TRACE	.0
DEC	97.7	1.7	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	1023	.4	6.8	.0
ANNUAL	98.8	.9	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	11630	2.3		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
13756	CHERRY POINT, NORTH CAROLINA	66-77

		AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	96.4	2.1	.6	.4	.1	.4								1.5	775				
FEB	97.1	1.1	.6	.1	.1	.5	.3	.1						1.8	791				
MAR	99.3	.6			.1									.1	868				
APR	100.0														810				
MAY	100.0														837				
JUN	100.0														870				
JUL	100.0														868				
AUG	100.0														899				
SEP	100.0														840				
OCT	100.0														899				
NOV	99.9	.1													870				
DEC	98.5	.5	.3	.1	.4	.1								1.0	930				
ANNUAL	99.3	.4	.1	.0	.1	.1	.0	.0						.4	10257				

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION

13754 CHERRY POINT, NORTH CAROLINA

STATION NAME

45-77

YEARS

24 HOUR AMOUNTS IN INCHES

5723 Extreme Values Jan 1969

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			.58		.46	2.80	3.97	2.21	2.59	.42	2.36	.92	
46	1.00	.59	.33	1.03	1.40	1.49	3.16	1.15	9.10	1.85	.83	1.65	9.10
47	.90	.95	.53	1.00	1.00	.85	1.51	1.48	2.49	1.95	2.96	1.34	2.96
48	.58		1.05	.65	.97	1.42	.83	1.03	1.86	2.07	1.96	1.64	
49	.18	1.15	1.51		.98	1.08	1.68	1.46	1.79	.63	1.11	3.90	
50	.42	.65	1.11	1.21	1.44	2.06	6.94	.80	1.04	1.93	.48	1.33	6.94
51	.25	.94	.86	1.39	.83	1.08	3.09	2.18	1.11	.65	2.68	1.10	3.09
52	1.15	2.70	.85	.62	.93	1.31	1.54	1.35	3.93	.87	3.09	.76	3.93
53		1.15	.59	.71	2.06	3.29	2.39	5.58	3.72	.24	2.02	1.12	
54	1.42	.95	.60	.43	1.57	.52	1.70	3.30	1.10	1.50	.88	1.34	
55	.91	.88	.84	.76	.80	.98	2.68	5.96	4.78	.44	.88	.39	3.30
56	.87	1.43	1.09	.93	1.77	2.14	.92	.78	2.16	3.28	.46	.54	5.96
57	1.07	2.18	.70	.62	1.02	1.35	2.24	1.78	1.73	1.88	1.20	1.60	3.28
58	1.90	1.57	1.51	1.61	1.16	2.38	1.01	1.67	4.54	3.39	.56	1.65	2.24
59	2.08	1.86	2.22	1.59	.50	1.00	2.32	1.07	1.36	1.57	1.28	2.33	4.54
60	2.26	2.32	2.50	1.63	.87	2.48	3.35	2.10	5.50	.58	.47	.68	2.33
61	.49	1.60	1.87	1.46	2.44	2.43	.65	2.21	1.59	.27	.86	.29	5.50
62	.93	1.40	.63	1.23	1.56	4.51	1.43	1.85	1.27	.73	1.25	.85	2.44
63	1.10	1.00	.71	1.12	1.86	2.73	1.51	.93	2.06	1.93	1.96	.78	4.51
64	1.67	1.48	.32	3.22	1.33	3.17	2.09	.97	3.96	3.60	1.12	1.61	2.73
65	1.01	1.88	.84	.95	1.86	2.18	1.57	.86	.61	1.80	.81	.21	3.96
66	1.86	1.48	1.57	.29	4.02	2.35	2.12	1.41	3.14	.51	.64	1.52	2.18
67	.82	1.12	.39	1.06	1.76	.95	3.58	2.67	2.51	1.15	.78	1.48	4.02
68	1.94	.79	.70	.58	1.02	.58	2.15	.92	1.41	2.04	1.97	1.16	3.58
69	1.20	1.24	1.48	2.50	.95	1.23	1.82	1.06	1.19	1.54	1.89	1.85	2.15
70	.95	1.64	1.57	.47	1.05	1.50	2.73	3.59	1.13	.93	.79	1.74	2.50
71	1.79	1.33	1.87	1.52	1.30	3.27	3.62	4.83	3.02	3.25	.59	.77	3.59
72	1.01	1.75	.97	.35	2.34	1.15	3.59	1.48	1.14	.94	3.40	1.14	4.83
73	.82	1.67	1.60	1.40	.42	1.08	.67	2.91	1.18	1.10	.23	3.44	3.59
74	.95	.95	1.00	.76	4.26	2.28	1.52	2.56	1.21	1.24	1.15	1.61	3.44
MEAN													4.26
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13754

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13754 STATION CHERRY POINT, NORTH CAROLINA 45-77 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
47	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
48	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	
49	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
50	TRACE	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
51	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
57	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
58	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
59	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
60	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	1.7	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.7
63	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
64	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
65	2.5	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
66	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
67	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	1.2
68	TRACE	2.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
69	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
70	1.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.8	2.8
71	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
73	3.4	13.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	13.0
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN													
S. D.													
TOTAL OBS.													

SNOWFALL

CHERRY POINT, NORTH CAROLINA

13754

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

47-77

CHERRY POINT, NORTH CAROLINA

13754

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48													
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
51	0	8	0	0	0	0	0	0	0	0	0	0	8
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE	
58	0	1	0	0	0	0	0	0	0	0	0	5	
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	3	0	0	0	0	0	0	0	0	TRACE	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	0	0
63	0	1	0	0	0	0	0	0	0	0	0	0	1
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	4	2	0	0	0	0	0	0	0	0	0	0	4
66	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
67	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
68	0	3	0	0	0	0	0	0	0	0	0	0	3
69	2	0	0	0	0	0	0	0	0	0	0	0	2
70	1	TRACE	TRACE	0	0	0	0	0	0	0	0	3	3
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	4	14	0	0	0	0	0	0	0	0	0	0	14
74	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

SNOW DEPTH
FROM DAILY OBSERVATIONS)

47-77

CHERRY POINT, NORTH CAROLINA

13754

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

SNOW DEPTH
FROM DAILY OBSERVATIONS)

CHERRY POINT, NORTH CAROLINA

13754
STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

1946-1977

YEARS

CHERRY POINT, NORTH CAROLINA

STATION NAME

13754

STATION

FEBRUARY
MONTH

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.02	26	1976	0.2	5	1958
2	1.67	42	1973	0.4	10	1958
3	2.19	56	1952	8.3	211	1951
4	1.86	47	1959	T	T	1970*
5	0.90	23	1975	T	T	1966
6	1.43	36	1956			
7	1.15	29	1953			
8	0.76	19	1964	T	T	1967
9	0.94	24	1967	2.5	63	1973
10	1.30	33	1973	13.0	330	1973
11	0.88	22	1955	0.3	8	1973
12	1.75	44	1972	T	T	1964*
13	1.69	43	1960	0.6	15	1958
14	1.88	48	1965			
15	0.65	17	1950			
16	1.24	31	1969	T	T	1977*
17	2.70	69	1952	T	T	1963
18	1.48	38	1964	T	T	1977
19	0.91	23	1975	T	T	1972
20	1.00	25	1956	T	T	1959
21	0.45	11	1965			
22	1.40	36	1962			
23	0.35	9	1971	T	T	1968
24	1.51	38	1952	2.5	63	1968
25	2.32	59	1960	T	T	1967
26	2.18	55	1957	0.3	8	1963
27	1.57	40	1958	0.8	20	1963
28	1.48	38	1966			
29	0.79	20	1968	T	T	1968
30						
31						
Monthly	2.70	69	1952	13.0	330	1973

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.08	53	1959	T	T	1968
2	0.62	16	1972	T	T	1962
3	0.49	12	1960			
4	0.46	12	1975	2.0	51	1969
5	1.47	37	1966			
6	0.95	24	1970			
7	1.90	48	1958	0.9	23	1973
8	0.82	21	1973	3.4	86	1973
9	1.30	33	1964	T	T	1973
10	1.16	29	1968	T	T	1973*
11	0.56	14	1954	T	T	1973*
12	1.67	42	1964	1.7	43	1962
13	1.94	49	1968	T	T	1964*
14	0.90	23	1977			
15	1.79	45	1971	T	T	1965*
16	0.67	17	1946	T	T	1966*
17	1.00	25	1946	0.8	20	1965
18	0.81	21	1963			
19	0.91	23	1955	T	T	1970*
20	1.20	30	1969	1.0	25	1970
21	0.50	13	1974	T	T	1961
22	1.86	47	1966			
23	0.87	22	1956	0.5	13	1970
24	1.30	33	1953			
25	1.07	27	1957	2.0	51	1966
26	0.78	20	1966	T	T	1966*
27	0.76	19	1976	1.0	25	1966
28	0.65	17	1962	T	T	1948
29	0.95	24	1974	T	T	1961*
30	1.11	28	1960	1.5	38	1965
31	2.26	57	1960	2.5	63	1965
Monthly	2.26	57	1960	3.4	86	1973

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

2

DAILY EXTREME AMOUNTS

13754 STATION

CHERRY POINT, NORTH CAROLINA

1945-1977 YEARS

STATION NAME

MARCH

MONTH

APRIL

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.11	28	1950	T	T	1969*
2	1.23	31	1959	3.0	76	1960
3	1.87	47	1971			
4	1.39	35	1966	T	T	1950
5	0.70	18	1957			
6	2.22	56	1959	T	T	1965*
7	1.05	27	1948	0.9	23	1962
8	0.35	9	1957			
9	1.09	28	1976	1.7	43	1960
10	0.41	10	1949			
11	1.09	28	1956			
12	1.60	41	1973	3.0	76	1960
13	0.86	22	1951			
14	0.84	21	1955	T	T	1970
15	1.57	40	1966	T	T	1970*
16	1.23	31	1976	T	T	1970
17	0.71	18	1963			
18	1.08	27	1969			
19	0.79	20	1951			
20	0.84	21	1965			
21	0.86	22	1977	T	T	1965
22	1.57	40	1970			
23	0.85	22	1952			
24	0.57	14	1952			
25	1.04	26	1958	T	T	1974*
26	1.19	30	1971	T	T	1974*
27	1.10	28	1959			
28	0.31	8	1954			
29	0.56	14	1974			
30	0.80	20	1976			
31	1.87	47	1961			
Monthly	2.22	56	1959	3.0	76	1960

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.40	36	1973			
2	0.49	12	1947			
3	0.74	19	1975			
4	1.63	41	1960			
5	0.76	19	1974			
6	1.52	39	1971			
7	1.12	28	1963			
8	3.22	82	1964			
9	0.90	23	1961			
10	1.46	37	1961			
11	1.23	31	1962			
12	1.59	40	1959			
13	0.62	16	1952			
14	0.76	19	1955			
15	0.92	23	1975			
16	1.61	41	1958			
17	1.03	26	1946			
18	0.63	16	1945			
19	2.50	63	1969			
20	1.21	31	1950			
21	0.65	17	1959			
22	0.24	6	1972			
23	0.76	19	1951			
24	0.85	22	1977			
25	0.52	13	1945			
26	1.06	27	1967			
27	0.49	12	1961			
28	1.17	30	1971			
29	0.42	11	1969			
30	0.29	7	1963			
31						
Monthly	3.22	82	1964			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

YEARS
1945-1977

DAILY EXTREME AMOUNTS

MONTH
MAY

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.77	45	1956			
2	0.58	15	1966			
3	1.33	34	1964			
4	0.84	21	1957			
5	0.85	22	1974			
6	0.60	15	1958			
7	2.06	52	1953			
8	0.63	16	1960			
9	0.42	11	1971			
10	2.44	62	1961			
11	1.18	30	1976			
12	1.40	36	1946			
13	1.57	40	1954			
14	1.37	35	1966			
15	1.30	33	1971			
16	0.91	23	1971			
17	1.71	43	1973			
18	2.90	74	1975			
19	1.86	47	1965			
20	0.62	16	1963			
21	2.34	59	1972			
22	1.76	45	1967			
23	1.35	34	1961			
24	2.35	60	1977			
25	4.02	102	1966			
26	4.26	108	1974			
27	1.53	39	1974			
28	1.37	35	1966			
29	6.15	156	1976			
30	1.56	40	1962			
31	1.44	37	1950			
Monthly	6.15	156	1976			

MONTH
JUNE

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.67	17	1956			
2	2.73	69	1963			
3	2.72	69	1976			
4	0.86	22	1950			
5	1.31	33	1952			
6	0.67	17	1957			
7	1.08	27	1949			
8	1.42	36	1948			
9	1.70	43	1977			
10	0.89	23	1961			
11	2.35	60	1966			
12	2.48	63	1975			
13	1.79	45	1953			
14	1.36	35	1953			
15	1.73	44	1965			
16	0.98	25	1965			
17	3.29	84	1953			
18	2.06	52	1956			
19	2.48	63	1960			
20	1.23	31	1969			
21	2.23	57	1960			
22	2.64	67	1976			
23	3.27	83	1971			
24	0.53	13	1959			
25	3.17	81	1964			
26	1.50	38	1970			
27	2.38	60	1958			
28	0.97	25	1952			
29	4.51	115	1962			
30	3.84	98	1962			
31						
Monthly	4.51	115	1962			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

5724 DAILY ACCOUNTS MAR 1978

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

STATION

STATION NAME

YEARS

JULY
MONTH

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.74	44	1960			
2	3.62	92	1971			
3	2.26	57	1946			
4	1.43	36	1962			
5	1.39	35	1970			
6	3.16	80	1946			
7	3.58	91	1967			
8	6.94	176	1950			
9	2.32	59	1959			
10	2.39	61	1953			
11	3.59	91	1972			
12	1.06	27	1975			
13	2.84	72	1967			
14	3.09	78	1951			
15	2.83	72	1946			
16	1.70	43	1954			
17	2.24	57	1957			
18	1.40	36	1976			
19	1.31	33	1953			
20	1.78	45	1966			
21	1.51	38	1947			
22	2.73	69	1970			
23	3.97	101	1945			
24	1.40	36	1964			
25	2.39	61	1951			
26	0.67	17	1977			
27	0.84	21	1949			
28	1.57	40	1965			
29	3.35	85	1960			
30	2.15	55	1968			
31	2.68	68	1946			
Monthly	6.94	176	1950			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.45	37	1949			
2	2.91	74	1973			
3	5.33	135	1976			
4	0.96	24	1974			
5	1.06	27	1969			
6	2.67	68	1967			
7	1.46	37	1949			
8	2.21	56	1945			
9	1.20	30	1945			
10	0.87	22	1963			
11	2.32	64	1955			
12	5.96	151	1955			
13	5.58	142	1953			
14	1.03	26	1948			
15	2.10	53	1960			
16	2.04	52	1955			
17	3.03	77	1955			
18	3.59	91	1970			
19	2.56	65	1974			
20	1.22	31	1966			
21	1.08	27	1945			
22	1.85	47	1962			
23	1.10	28	1962			
24	5.45	138	1955			
25	3.84	98	1955			
26	1.67	42	1958			
27	4.83	123	1971			
28	2.21	56	1961			
29	1.48	38	1972			
30	3.30	84	1954			
31	1.01	26	1974			
Monthly	5.96	151	1955			

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

1945-1977

CHERRY POINT, NORTH CAROLINA

YEARS

STATION NAME

13754
STATION

OCTOBER
MONTH

SEPTEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.60	91	1964			
2	1.10	28	1973			
3	1.54	39	1969			
4	2.01	51	1964			
5	2.07	53	1948			
6	1.50	38	1934			
7	1.80	46	1965			
8	1.83	47	1946			
9	1.93	49	1950			
10	1.78	45	1971			
11	0.48	12	1959			
12	2.95	75	1977			
13	1.19	30	1977			
14	1.93	50	1947			
15	1.57	40	1959			
16	1.24	31	1974			
17	2.02	51	1956			
18	3.20	81	1973			
19	2.04	52	1968			
20	3.39	86	1958			
21	1.31	33	1958			
22	3.25	83	1971			
23	2.63	67	1971			
24	0.59	15	1972			
25	0.41	10	1963			
26	2.00	51	1977			
27	0.34	9	1966			
28	0.67	17	1956			
29	3.28	83	1956			
30	1.30	33	1956			
31	0.93	24	1970			
Monthly	3.60	91	1964			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.41	36	1968			
2	1.13	29	1976			
3	2.14	54	1955			
4	1.93	50	1935			
5	3.43	87	1935			
6	2.59	66	1945			
7	1.21	31	1974			
8	4.86	123	1977			
9	2.51	64	1967			
10	2.06	52	1976			
11	5.50	140	1960			
12	2.12	54	1946			
13	3.96	101	1964			
14	3.14	80	1966			
15	2.19	56	1976			
16	2.88	73	1975			
17	0.96	24	1949			
18	3.02	77	1955			
19	4.78	121	1955			
20	9.10	231	1946			
21	1.52	39	1963			
22	3.93	100	1952			
23	1.38	35	1975			
24	2.49	63	1947			
25	2.16	55	1956			
26	0.47	12	1956			
27	4.54	115	1958			
28	1.21	31	1959			
29	1.86	47	1948			
30	3.02	77	1971			
31	9.10	231	1946			
Monthly						

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

13754

CHERRY POINT, NORTH CAROLINA

STATION

STATION NAME

YEARS

1945-1977

NOVEMBER

DECEMBER

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.18	30	1969			
2	1.89	48	1969			
3	2.96	75	1947	T	T	1954
4	1.96	50	1948			
5	0.93	24	1953			
6	1.96	50	1963			
7	2.68	68	1951			
8	0.40	10	1972			
9	0.78	20	1962			
10	1.11	28	1968			
11	2.05	52	1947			
12	0.43	11	1950			
13	0.23	6	1945			
14	3.40	86	1972	T	T	1976
15	0.54	14	1952			
16	1.20	30	1957			
17	0.72	18	1972			
18	0.95	24	1974			
19	1.32	34	1948			
20	3.09	78	1952			
21	1.03	46	1952			
22	0.81	21	1965			
23	2.02	51	1953			
24	0.78	20	1967			
25	1.49	38	1972	T	T	1962*
26	0.62	16	1962	T	T	1962
27	1.25	32	1962			
28	0.64	16	1966			
29	1.56	40	1963	T	T	1967*
30	1.62	41	1972	T	T	1967*
31						
Monthly	3.40	86	1972	T	T	1976*

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.61	41	1974			
2	0.17	4	1968			
3	0.95	24	1967	T	T	1971*
4	1.33	34	1950			
5	0.80	20	1954			
6	1.34	34	1954	T	T	1962*
7	1.06	27	1976*	T	T	1968
8	3.44	87	1973	T	T	1976
9	1.59	40	1957			
10	1.85	47	1969			
11	1.36	35	1958	6.2	157	1958
12	1.58	40	1959	1.0	25	1960
13	1.03	26	1966			
14	0.58	15	1958	T	T	1963*
15	2.79	71	1949	T	T	1968*
16	1.74	44	1973*			
17	1.50	38	1975	0.4	10	1973
18	2.33	59	1959			
19	0.71	18	1945			
20	1.65	42	1946	T	T	1954
21	1.17	30	1973			
22	1.19	30	1969			
23	0.78	20	1963	1.2	30	1967
24	0.54	14	1956	T	T	1948
25	1.12	28	1953			
26	1.65	42	1975			
27	3.90	99	1949			
28	1.65	42	1958			
29	1.52	39	1966	2.8	71	1970
30	1.64	42	1948	T	T	1955
31	1.25	32	1975			
Monthly	3.90	99	1949	6.2	157	1958

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

13754

CHERRY POINT, NORTH CAROLINA

43-77

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	NNE 46SSW 54NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 42SSW 43SSW 46NE	SSW 54
46	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 42SSW 41W	SW 56
47	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	NNW 44SW 57SW	SW 57
48	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	SW 39SW 33NW	NNW 70
49	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SW 42SW 44SW	SSW 52
50	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49N	SW 49
51	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SW 43SW 38NE	SSW 48
52	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NNW 39WNW 40SSW	NE 93
53	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	NW 37SW	SW 57
54	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	SSW 36SE 30S	
55	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	SW 48NE	
56	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SW 50SSW 42NNW	SSW 59
57	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 41W	W 68
58	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	SW 46WSW 32NE	WSW 45
59	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNW 41SSW 35W	NNE 51
60	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	ENE 46SW	W 43
61	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	NW 35SW	ENE 46
62	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NW 39SW	NNW 58
63	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	SW 37SW	NW 39
64	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	S 41NNE	SW 49
65	W 34	W 34	W 34	W 34	W 34	W 34	W 34	W 34	W 34	W 34	W 34	W 34	S 41
66	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 31NE	SW 45
67	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	W 3214	02 83
68	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	23 2921	09 42
69	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	17 3336	36 44
70	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	21 3523	03 40
MEAN													
S. D.													
TOTAL OBS.													

SURFACE WINDS
FROM DAILY OBSERVATIONS)

CHERRY POINT, NORTH CAROLINA

13754

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

JAN
MONTH

YEARS

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	3.9	1.9								10.3	7.9
NNE	1.3	2.6	4.5									8.4	6.3
NE	.6	.6	1.9									3.2	6.2
ENE	.6	1.3		.6								2.6	6.0
E	1.9											1.9	2.7
ESE	.6											.6	3.0
SE													
SSE	1.3											1.3	2.0
S	.6	2.6	1.3	.6								5.2	6.8
SSW	2.6	1.9	.6									5.2	4.4
SW	1.9	1.9	1.9	.6								6.5	5.7
WSW	2.6	1.3	1.3	.6								5.8	5.4
W	1.3	1.3	3.2	1.3								5.8	8.3
WNW	.6	.6	1.9									3.9	5.7
NW	.6	1.3	.6	.6								3.2	7.0
NNW	.6	4.5	2.6									7.7	5.8
VARBL													
CALM												28.4	
	18.1	23.2	23.9	6.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

JAN
MONTH

STATION NAME

YEARS

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	5.2	5.2	1.9								12.9	7.4
NNE	2.6	2.6	3.2									8.4	5.6
NE	1.3	.6		.6								2.6	5.3
ENE		.6	1.3									1.9	7.7
E		1.3										1.3	4.5
ESE													
SE			.6									.6	10.0
SSE													
S	.6	2.6	.6	.6								4.5	5.9
SSW	2.6	3.2	1.9									7.7	4.5
SW	.6	1.3	1.3	.6								3.9	6.7
WSW	.6	3.2	1.9	.6								6.5	6.5
W	2.6	2.6	1.3	.6								7.1	5.5
WNW	1.9	3.2	1.3									6.5	4.7
NW	.6	2.6	.6									3.9	5.0
NNW	1.3	1.9	1.3	.6								5.2	6.8
VARBL													
CALM												27.1	
	15.5	31.0	20.6	5.8								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEAR

JAN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.2	5.2	.6								12.3	6.9
NNE		6.5	1.9	.6								7.1	7.1
NE		3.2	1.3	.6								5.2	6.9
ENE		1.3	.6									1.9	5.7
E	1.3	.6										1.9	3.0
ESE													
SE			.6									.6	9.0
SSE			.6									.6	8.0
S	1.3	1.3	.6	.6								3.9	6.2
SSW	1.3	1.3	.6	.6								4.5	5.3
SW	.6	1.9	.6									3.2	4.8
WSW	2.6	3.2	1.9	.6								8.4	5.5
W	.6	1.3	3.9	.6								6.5	7.6
WNW	2.6	3.9										6.5	3.6
NW		.6	.6									1.3	6.5
NNW	1.9	1.9	2.6									6.5	6.0
VARBL													
CALM												29.7	
	14.2	30.3	21.3	4.5								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JAN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	8.4	2.6								12.9	8.8
NNE	1.3	4.5	5.8	.6								12.3	7.1
NE	1.3	1.3	1.9									4.5	5.9
ENE	.6	1.9	1.9	.6								5.2	6.8
E	3.9	1.3	.6									5.8	3.9
ESE													
SE		.6	.6									1.3	8.0
SSE	1.3											1.3	2.5
S	.6	.6	2.6									3.9	6.8
SSW	1.3	1.9		.6	.6							4.5	7.7
SW		1.9	3.2	.6								5.8	8.3
WSW	1.3	2.6	3.9	.6								8.4	6.8
W	1.3	3.2	1.9	1.9								8.4	7.6
WNW		1.9	1.3	.6								3.9	7.2
NW		2.6	1.9									4.5	6.6
NNW		1.3	4.5	.6								6.5	8.3
VARBL													
CALM												11.0	
	13.5	27.1	38.7	9.0	.6							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JAN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.2	8.4	1.3								16.1	6.8
NNE	1.9	.6	1.9	.6								5.2	6.6
NE	.6	1.9	.6	.6								3.2	8.0
ENE	.6	2.6	2.6	1.9								7.7	8.3
E	.6	.6	1.3									2.6	5.8
ESE	.6	.6										1.3	3.5
SE	.6											.6	1.0
SSE		.6										.6	5.0
S		1.3	1.3	1.3								3.9	9.2
SSW	.6	.6	2.6	.6								4.5	7.3
SW	.6	1.3	1.3	1.9								5.2	8.3
WSW		3.9	7.7	2.6								14.2	9.1
W	.6	1.9	4.5	.6	.6							8.4	8.5
WNW	.6	.6	2.6	1.3	.6							5.8	9.2
NW	1.9	1.3	1.3	1.3								5.8	7.0
NNW	1.3	1.3	3.2	.6								6.5	7.6
VARBL													
CALM												8.4	
	13.5	22.6	39.4	14.8	1.3							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

JAN
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	6.5	4.5	1.9								14.2	6.7
NNE	3.2	3.9		.6								7.7	4.9
NE		1.3	2.6	.6								4.5	7.9
ENE	2.6	1.3	.6									4.5	4.3
E	.6	1.9	1.3	1.3								5.2	6.8
ESE		1.3										1.3	5.0
SE		1.3	.6									1.9	6.0
SSE		.6										.6	5.0
S	1.9	3.9	1.9	1.3								9.0	6.0
SSW	1.3	3.9	4.5	.6								10.3	7.1
SW		1.9	3.2									5.2	7.8
WSW		1.3	4.5									5.8	7.2
W	.6	.6	3.2	.6								5.2	8.4
WNW		1.3	4.5	.6								6.5	9.1
NW			3.2	.6								3.9	8.5
NNW	1.3	1.9	3.9	.6								7.7	7.4
VARBL													
CALM												6.5	
	12.9	32.9	38.7	9.0								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

73-77

JAN

MONTH

19

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

YEARS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.9	1.9	1.3								7.1	6.5
NNE	1.9	3.9	3.2									9.0	5.8
NE	1.9	.6	2.6									5.2	5.9
ENE	.6			.6								1.3	8.5
E	.6	1.3	.6									2.6	5.5
ESE	1.9	.6										2.6	2.8
SE	1.3	.6										1.9	2.3
SSE	.6											.6	2.0
S	1.3	2.6	.6	1.3								5.8	5.7
SSW	3.9	2.6	2.6									9.0	4.6
SW	1.3	1.9	3.2									6.5	6.2
WSW	1.3	1.3	1.9									4.5	5.4
W			2.6									2.6	8.5
WNW	1.3	2.6	.6									4.5	4.1
NW	1.3	3.2	1.3	1.3								7.1	6.4
NNW	1.9	.6	2.6									5.2	5.4
VARBL													
CALM												24.5	
	23.2	23.9	23.9	4.5								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JAN
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.3	2.6	2.6								10.3	7.8
NNE	1.9	1.3	3.9									7.1	6.5
NE	2.6	1.3	.6									4.5	3.9
ENE	.6	3.2	.6	.6								5.2	5.5
E													
ESE	1.3											1.3	3.0
SE	1.3											1.3	2.5
SSE	.6											1.3	5.0
S	.6	2.6	.6	.6								3.9	5.5
SSW	1.3	2.6	1.3									5.2	5.0
SW	2.6	2.6	3.9									9.0	5.9
WSW	1.3	2.6	.6									4.5	4.6
W	3.2	.6	1.3	.6								5.8	5.2
WNW	.6	3.2										3.9	5.2
NW	1.9	.6	2.6									5.2	5.4
NNW	.6	1.3		.6								2.6	6.0
VARBL													
CALM												29.0	
	21.3	26.5	18.7	4.5								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.9	5.0	1.8								12.0	7.3
NNE	1.8	3.0	3.1	.3								8.1	6.2
NE	1.0	1.4	1.5	.3								4.1	6.2
ENE	.7	1.5	1.0	.6								3.8	6.6
E	1.1	.9	.5	.2								2.7	4.8
ESE	.6	.3										.9	3.4
SE	.4	.3	.3									1.0	5.1
SSE	.5	.2	.2									.8	3.9
S	.9	2.2	1.2	.7								5.0	6.4
SSW	1.9	2.3	1.8	.3	.1							6.4	5.7
SW	1.0	1.9	2.3	.5								5.6	6.7
WSW	1.2	2.4	3.0	.6								7.3	6.8
W	1.1	1.5	2.7	.8	.1							6.2	7.4
WNW	1.0	2.2	1.5	.3	.1							5.2	6.2
NW	.8	1.5	1.5	.5								4.4	6.5
NNW	1.1	1.9	2.6	.4								6.0	6.7
VARBL													
CALM												20.6	
	16.5	27.2	28.1	7.3	.2							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.3	.7	2.1	.7							7.8	8.9
NNE	.7	2.1	.7									3.5	5.8
NE	.7	1.4	2.1									4.3	6.0
ENE	.7		1.4									2.1	6.7
E	.7											.7	3.0
ESE													
SE			.7									.7	8.0
SSE													
S	2.8		.7									3.5	3.8
SSW	1.4	.7	.7									2.8	4.0
SW	2.1	.7	.7									3.5	4.4
WSW	2.8	4.3	5.0									11.3	5.9
W	2.1	4.3	1.4	.7	.7							9.2	6.8
WNW		.7	1.4	.7								2.8	8.8
NW		1.4	1.4	1.4	.7							5.0	9.9
NNW	1.4		.7	1.4								3.5	7.6
VARBL													
CALM												39.0	
	15.6	19.1	17.7	6.4	2.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.1	2.1	2.1	.7							7.8	8.8
NNE		1.4	2.1	.7								4.3	8.5
NE	1.4		2.1									3.5	6.0
ENE	.7	1.4	.7									2.8	4.8
E	.7											.7	2.0
ESE													
SE			.7									.7	9.0
SSE	.7	.7										1.4	3.5
S	.7	.7										1.4	4.5
SSW	1.4	.7	.7									2.8	5.0
SW	.7	.7	2.1									2.8	7.3
WSW	5.0	1.4	5.0									11.3	5.1
W	2.1	4.3	2.8	.7								9.9	5.6
WNW	.7	1.4	2.1	.7	.7							3.7	8.6
NW	2.8	1.4	1.4									5.7	4.3
NNW		.7	1.4	.7								2.8	9.5
VARBL													
CALM												36.2	
	17.0	17.0	23.4	5.0	1.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	3.5	1.4								7.1	8.5
NNE	1.4	1.4	2.1	.7								5.7	6.8
NE	2.1	1.4	1.4									3.5	6.4
ENE	1.4	1.4	.7									3.5	4.0
E													
ESE		.7										.7	4.0
SE	.7		.7									1.4	6.0
SSE													
S	.7	2.1	.7									3.5	5.0
SSW													
SW	2.1	2.1	2.1									6.4	5.0
WSW	1.4	1.4	1.4	.7								5.0	6.0
W	2.1	4.3	2.1	.7								9.2	5.8
WNW	1.4	2.8	1.4									5.7	4.9
NW		5.0	1.4	.7								7.1	6.0
NNW	1.4	.7	1.4									3.5	5.4
VARBL													
CALM												37.6	
	12.8	26.2	19.1	4.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	4.3	.7	.7	.7						8.5	9.8
NNE	2.1	2.8	2.8	2.1								9.9	7.4
NE	.7	2.8	2.1									5.7	6.4
ENE		2.1	2.1	2.1								6.4	8.9
E	2.1	1.4	.7									4.3	4.3
ESE	2.1	1.4	.7									4.3	3.7
SE			.7									.7	8.0
SSE				1.4								1.4	13.0
S	.7	.7										1.4	4.0
SSW	1.4	3.5		1.4								6.4	6.2
SW	.7	2.8	1.4									5.0	5.7
WSW		3.5	2.1									5.7	6.0
W	.7	7.1	5.7	.7								14.2	7.0
WNW	.7	2.1	1.4	1.4								5.7	7.6
NW		2.1	5.7	2.8								10.6	8.3
NNW			2.1	2.1								4.3	10.2
VARBL													
CALM												5.7	
	12.1	34.0	31.9	14.9	.7	.7						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.3	1.4	1.4	.7	.7						9.2	9.5
NNE	2.1	2.1	2.1	1.4								7.8	6.7
NE	.7	3.5	3.5									7.8	5.9
ENE	.7	.7	3.5		.7							5.7	7.9
E		2.1	.7									2.8	6.0
ESE													
SE		.7	.7									1.4	7.0
SSE			.7									.7	8.0
S		1.4	2.1	1.4								5.0	9.9
SSW		3.5	1.4	1.4								6.4	7.9
SW		2.1	2.1									4.3	7.2
WSW	1.4	2.1	5.7	4.3								13.5	8.9
W		2.1	8.5	2.8								13.5	8.8
WNW		2.8	.7									3.3	6.2
NW	1.4	.7	5.0	1.4								8.3	8.3
NNW		1.4	2.8	1.4								5.7	9.4
VARBL													
CALM												4.3	
	7.1	29.8	41.1	15.6	1.4	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	2.1	2.1								6.4	8.7
NNE		2.1	2.1	1.4								5.7	8.1
NE	.7	5.7	.7									7.1	5.0
ENE		2.1	1.4	.7								4.3	7.5
E		2.8	.7	.7								4.3	6.5
ESE													
SE		.7	1.4									2.1	6.3
SSE		.7										.7	4.0
S	.7	3.5	5.0									9.2	6.3
SSW	.7	3.5	6.4									10.6	6.9
SW	.7	1.4	7.1	.7	.7							10.6	8.8
WSW		1.4	2.8	3.5								7.8	10.0
W		2.8	2.8	.7								6.4	7.8
WNW		1.4	1.4	1.4								4.3	9.5
NW		3.5	4.3	1.4								9.2	7.7
NNW		1.4	2.8	.7		.7						5.7	10.6
VARBL													
CALM												5.7	
	3.5	34.8	41.1	13.5	.7	.7						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.8	.7	1.4		.7						7.8	7.8
NNE	2.1	.7	2.1	.7								5.7	6.3
NE			.7									.7	10.0
ENE	2.1	.7	.7									3.5	4.4
E	1.4	1.4	1.4									4.3	5.2
ESE	.7											.7	2.0
SE	.7		.7									1.4	5.5
SSE		2.8										2.8	4.3
S	1.4	3.5	.7	.7								6.4	5.3
SSW	4.3	7.1	.7									12.1	3.8
SW	5.7	3.5	1.4									10.6	4.2
WSW		6.4	3.5	2.1								12.1	7.6
W		.7										.7	4.0
WNW		3.5	.7									4.3	5.5
NW	2.1	1.4	2.1									5.7	5.4
NNW	.7	.7	.7									2.1	6.0
VARBL													
CALM												19.1	
	23.4	35.5	16.3	5.0		.7						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

FEB
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	2.8	.7	.7							6.4	8.9
NNE	2.1	.7	1.4	2.1								6.4	7.1
NE													
ENE	.7	.7	2.1									3.5	7.0
E		1.4										1.4	5.0
ESE	.7	.7										1.4	3.5
SE													
SSE		.7		.7								1.4	9.0
S	.7	1.4	.7									2.8	5.5
SSW	2.8	3.5	2.1									8.5	5.0
SW	3.5	5.0	.7	.7								9.9	5.3
WSW	4.3	3.5	2.8	1.4								12.1	5.6
W		1.4	.7									2.1	6.0
WNW		.7	.7	.7	.7							2.8	10.8
NW	2.1	.7	.7									3.5	4.0
NNW	.7	.7	1.4	.7								3.5	8.0
VARBL													
CALM												34.0	
	18.4	22.7	16.3	7.1	1.4							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.5	2.2	1.5	.4	.3						7.6	8.9
NNE	1.3	1.7	2.0	1.2								6.1	7.1
NE	.5	2.0	1.6									4.1	6.0
ENE	.8	1.2	1.6	.4	.1							4.0	6.6
E	.6	1.2	.4	.1								2.3	5.2
ESE	.4	.4	.1									.9	3.5
SE	.2	.2	.7									1.1	6.8
SSE	.1	.6	.1	.3								1.1	6.7
S	1.0	1.7	1.2	.3								4.2	6.0
SSW	1.5	2.8	1.5	.4								6.2	5.6
SW	1.9	2.3	2.2	.2	.1							6.6	6.0
WSW	1.9	2.9	3.5	1.5								9.8	6.9
W	.9	3.4	3.0	.8	.1							8.2	7.0
WNW	.4	2.0	1.2	.6	.2							4.3	7.5
NW	1.1	2.0	2.7	1.0	.1	.1						6.9	7.1
NNW	.5	.7	1.7	.9								3.9	8.7
VARBL													
CALM												22.7	
	13.7	27.4	25.9	9.0	1.0	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

1128

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEAR

MAR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	1.9									5.2	5.6
NNE	1.9	4.3	1.3									7.7	4.8
NE		2.6	.6									3.2	6.2
ENE		.6	1.3									1.9	7.3
E			1.3									1.3	8.5
ESE	.6	.6										1.3	3.0
SE			.6									.6	8.0
SSE													
S	1.3	1.3	2.6	.6	.6							6.5	7.8
SSW	1.9	1.3	.6									3.9	3.7
SW	1.9	4.3	2.6	.6								9.7	6.2
WSW	.6		1.9									2.6	6.5
W	.6	3.2	2.6	.6								7.1	6.9
WNW		1.3	1.3									2.6	6.5
NW	1.3	2.6	1.3	1.3								6.5	7.0
NNW		.6	1.3									1.9	7.7
VARBL													
CALM												38.1	
	12.3	24.5	21.3	3.2	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

159

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	.6	.6								5.2	6.4
NNE	1.9	3.9	2.6	.6								9.0	5.6
NE	.6	1.3	1.9									3.9	5.7
ENE	1.3	1.9	1.3									4.5	5.1
E	1.9	.6	1.3									3.9	4.2
ESE													
SE			1.3									1.3	8.5
SSE													
S	1.3	.6	1.3	1.3								4.5	8.0
SSW	1.9	3.2	1.9									7.1	5.4
SW	1.3	.6			.6							2.6	6.8
WSW	1.3	2.6	1.3									5.2	5.3
W	.6	1.3	3.2	.6								5.8	7.4
WNW		1.3		.6								1.9	7.3
NW	1.9	1.3	2.6	1.3								7.1	6.9
NNW		.6	.6									1.3	6.5
VARBL													
CALM												36.8	
	14.8	22.6	20.0	5.2	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.3	1.9									5.8	5.0
NNE	.6	5.8	3.2									9.7	6.3
NE	.6	.6	1.3	.6								3.2	8.2
ENE	1.3	1.3										2.6	3.8
E	1.3	1.9	.6									3.9	4.3
ESE		.6	.6									1.3	6.0
SE	1.3	.6	.6									2.6	4.5
SSE	.6	.6										1.3	3.5
S	1.3	.6	1.3	.6								3.9	7.2
SSW	1.9	5.2	.6									7.7	4.3
SW		.6	.6	1.3								2.6	10.0
WSW		1.9	1.9									3.9	6.3
W	.6	.6	1.9	.6								3.9	7.8
WNW	.6	2.6										3.2	4.2
NW	.6	1.9	1.3									3.9	6.2
NNW	1.3	2.6	1.9	.6								6.5	6.1
VARBL													
CALM												34.2	
	14.8	29.0	18.1	3.9								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754

STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

ALL WEATHER

CLASS

MAR

MONTH

10

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.9	3.9	1.9	.6							10.3	8.4
NNE	.6	3.2	3.2	.6								7.7	6.7
NE	1.9	3.2	1.9									7.1	5.8
ENE	1.9	3.2	3.2	.6								9.0	6.1
E	.6	3.2	2.6									6.5	6.2
ESE	1.3	.6	.6									2.6	5.0
SE			.6	.6								1.3	10.0
SSE	.6	.6										1.3	4.5
S		.6	.6									1.3	6.5
SSW		1.3	.6	1.9								3.9	10.3
SW	.6	2.6	3.2	1.9	.6							9.0	9.0
WSW	.6	2.6	2.6	1.3								7.1	7.4
W	.6	5.2	4.5	1.3	.6							12.3	7.7
WNW	1.3		.6									1.9	4.3
NW		1.9	.6	1.3								3.9	6.3
NNW	.6	1.3	3.2	.6								5.8	7.6
VARBL													
CALM												9.0	
	11.0	33.5	32.3	12.3	1.9							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	4.5	.6								9.7	7.0
NNE	.6	1.9	3.9	.6								7.1	7.1
NE	1.9	1.9	.6									4.5	4.4
ENE	1.9	2.6	1.9	.6								7.1	6.1
E	1.3	1.9	2.6									5.8	6.3
ESE		1.3										1.3	5.5
SE			1.3									1.3	9.0
SSE		1.9	1.3	1.3								4.5	9.1
S	.6	3.2	2.6	.6								7.1	6.8
SSW	1.3	.6	1.9	3.9								7.7	10.1
SW		.6	5.8	1.9								8.4	9.8
WSW		1.9	2.6	1.9	.6							7.1	9.5
W	1.3	3.2	1.3	1.9	.6							8.4	7.5
WNW		1.9	1.3	2.6								5.8	9.7
NW		1.3	3.9	.6	.6							6.5	9.2
NNW	.6	1.9	1.3	.6								4.5	6.7
VARBL												3.2	
CALM												100.0	7.6
	11.0	29.7	36.8	17.4	1.9								

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

MAR
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	3.2	.6								7.1	7.0
NNE		3.2	.6									3.9	5.5
NE	1.3	1.3	1.3									3.9	5.7
ENE		3.2	2.6									5.8	6.2
E	1.3	1.3	2.6									5.2	6.3
ESE		.6	1.3									1.9	7.0
SE			.6	.6								1.3	9.5
SSE		1.9	.6	.6								3.2	7.2
S		9.0	4.5	.6	.6							14.8	7.1
SSW	.6	2.6	3.2	.6								7.1	7.5
SW		1.3	4.5	2.6		.6						9.0	10.6
WSW	.6	2.6	4.5	1.9	1.3							11.0	9.5
W	.6		2.6	1.3								4.5	9.6
WNW			.6	1.9	1.3							3.9	13.3
NW	.6	1.3	3.9									5.8	7.3
NNW		.6	1.9	2.6								5.2	9.6
VARBL													
CALM												6.3	
	5.8	31.6	38.7	13.5	3.2	.6						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAR
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9									2.6	7.5
NNE	.6	2.6	1.3									4.5	5.1
NE		2.6	.6									3.2	5.4
ENE	.6	3.2										3.9	4.7
E	2.6	3.2	.6									6.5	4.2
ESE	.6	1.9										2.6	4.0
SE	1.3	.6	.6									2.6	4.3
SSE	1.3	1.3										2.6	3.3
S	5.2	5.2	.6	.6								11.6	4.3
SSW	1.9	9.0	1.9	.6								13.5	5.5
SW	3.2	2.6	1.9	.6								8.4	5.2
WSW	1.9	3.2	1.9	.6		.6						8.4	7.7
W		1.3	1.9									3.2	6.4
WNW	.6		.6									1.3	5.0
NW	1.9	1.3	1.3									4.5	5.1
NNW	1.9	3.2	.6	1.3								7.1	5.8
VARBL												13.5	
CALM												100.0	4.6
	23.9	41.9	16.1	3.9	.6								

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION NAME CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR

MARCH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	.6									3.9	4.5
NNE	3.9	.6	.6									5.2	3.8
NE	1.3		.6									1.9	4.7
ENE	1.3	1.3	.6	.6								4.3	5.3
E	1.9	.6	.6									3.2	4.0
ESE		.6	.6									1.3	7.0
SE			.6									.6	7.0
SSE		1.3		.6								1.9	7.7
S	1.9	1.9	1.3	.6								5.8	6.0
SSW	1.3	3.2	2.6	.6								7.7	6.2
SW	3.2	1.9	2.6									7.7	4.7
WSW		2.6	1.9	1.3								5.8	7.8
W		1.3	.6	.6								2.6	7.0
WNW		1.9	.6	1.3								3.9	8.3
NW		1.3	1.3									2.6	6.8
NNW	.6	.6		2.6								3.9	9.7
VARBL													
CALM												37.4	
	17.4	21.3	15.5	8.4								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

MAR
MONTH

STATION NAME

YEARS

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.3	2.3	.5	.1							6.2	6.7
NNE	1.3	3.2	2.1	.2								6.9	5.7
NE	1.0	1.7	1.1	.1								3.9	5.8
ENE	1.1	2.2	1.4	.2								4.9	5.7
E	1.4	1.6	1.5									4.5	5.4
ESE	.3	.8	.4									1.5	5.3
SE	.3	.2	.8	.2								1.5	6.9
SSE	.3	1.0	.2	.3								1.9	6.6
S	1.5	2.8	1.9	.6	.2							6.9	6.5
SSW	1.4	3.3	1.7	1.0								7.3	6.4
SW	1.3	1.9	2.7	1.1	.2	.1						7.2	7.7
WSW	.6	2.2	2.3	.9	.2	.1						6.4	7.9
W	.6	2.0	2.3	.9	.2							6.0	7.6
WNW	.3	1.1	.6	.8	.2							3.1	8.2
NW	.8	1.6	2.0	.6	.1							5.1	7.2
NNW	.6	1.5	1.4	1.0								4.5	7.3
VARBL													
CALM												22.3	
	13.9	29.3	24.8	8.5	1.0	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.3	2.0								4.0	10.7
NNE			.7	1.3								2.0	12.3
NE			2.0									2.0	9.3
ENE	.7	.7		.7								2.0	6.3
E	.7											.7	2.0
ESE	2.0		.7									2.7	3.8
SE		1.3										1.3	4.5
SSE	.7											.7	2.0
S	2.0	1.3	2.0	1.3								6.7	6.9
SSW	3.3	2.0	1.3	2.7								9.3	6.7
SW	1.3	1.3	4.0	2.0								8.7	8.2
WSW	2.0	3.3	2.0									7.3	5.4
W	1.3	1.3	2.7									5.3	5.6
WNW		1.3	2.0									3.3	6.8
NW		1.3	1.3									2.7	6.3
NNW			.7	.7								1.3	10.5
VARBL													
CALM												40.0	
	14.0	14.7	20.7	10.7								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		2.0	1.3								4.0	9.5
NNE		2.0	1.3	.7								4.0	8.2
NE		1.3	.7									2.0	5.7
ENE		.7		1.3								2.0	10.7
E		.7	.7									1.3	5.5
ESE	.7	.7										1.3	2.5
SE													
SSE													
S	2.7		.7									3.3	3.2
SSW	2.0	2.7	2.7	1.3								6.7	7.2
SW	1.3	.7	3.3	1.3								6.7	8.4
WSW	2.0	2.0	3.3	1.3								8.7	6.9
W		3.3	1.3									4.7	6.0
WNW	2.0	.7	2.0									4.7	5.1
NW		.7	1.3									2.0	8.0
NNW	1.3	.7	2.7									4.7	6.0
VARBL													
CALM												42.0	
	12.7	16.0	22.0	7.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77
YEARS

APR
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3	.7	2.7								5.3	9.8
NNE	.7	2.7	4.0	.7	.7							8.7	7.9
NE		1.3										1.3	5.0
ENE		.7	1.3	1.3								3.3	8.8
E	.7	.7										1.3	3.5
ESE	1.3											1.3	2.0
SE	.7											.7	3.0
SSE													
S		2.0	.7									2.7	6.0
SSW	.7	4.0	1.3	2.0								8.0	7.1
SW	.7	1.3	1.3	3.3	.7							7.3	9.9
WSW	2.0	6.0	1.3	2.7								12.0	6.5
W	.7	1.3	2.7	2.0								6.0	9.4
WNW		3.3	2.0									6.0	5.6
NW		2.0	.7									2.7	5.8
NNW		1.3	.7	.7								2.7	7.5
VARBL													
CALM												30.7	
	8.0	28.0	16.7	15.3	1.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	1.3	4.0	.7							9.3	10.2
NNE	.7	2.7	1.3	2.0								6.7	7.7
NE		2.0	2.0	.7								4.7	7.4
ENE	.7	2.0	.7	1.3								4.7	7.1
E	.7	.7	.7	.7								2.7	6.8
ESE	.7		.7									1.3	6.0
SE		.7	.7									1.3	6.5
SSE	1.3	.7	.7									2.7	4.0
S	.7	2.7	4.7									8.0	7.0
SSW	.7	.7	2.7	3.3								7.3	9.6
SW		1.3	6.0	2.7	.7							4.7	11.4
WSW	.7	3.3	3.3	3.3								13.3	8.3
W	2.0	4.0	5.3	2.0								13.3	7.3
WNW		1.3	1.3	2.7								5.3	10.6
NW	.7	.7	2.7	2.0								6.0	8.7
NNW		.7	1.3	.7								2.7	8.0
VARBL													
CALM												6.0	
	8.7	26.7	32.0	25.3	1.3							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

APR
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.3	3.3	.7	.7							8.0	8.2
NNE	.7		1.3	.7								2.7	8.0
NE	1.3	.7	1.3	.7								4.0	6.5
ENE			4.0	.7	.7							5.3	10.0
E	.7	4.0	1.3									6.0	5.8
ESE													
SE													
SSE			.7									.7	10.0
S		4.7	6.7	1.3								12.7	8.0
SSW	.7	1.3	4.7	2.7	1.3	.7						11.3	10.8
SW	.7	.7	4.7	.7								6.7	8.4
WSW		3.3	4.7	2.0	.7							10.7	9.4
W		2.0	4.0	.7								6.7	8.3
WNW	.7		2.7	1.3	.7							5.3	10.3
NW	1.3		4.7	1.3	.7							8.0	9.3
NNW		4.0	2.7	.7	.7							8.0	8.0
VARBL													
CALM												4.0	
	6.0	24.0	46.7	13.3	5.3	.7						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.3	1.3	.7								6.0	7.1
NNE		2.0	.7	.7								3.3	7.0
NE		2.0	.7									2.7	6.3
ENE		2.7	3.3	1.3								7.3	8.2
E	2.0	.7	2.7									5.3	5.6
ESE			.7									.7	7.0
SE	.7	.7										1.3	3.5
SSE		1.3	.7									2.0	6.0
S		2.7	7.3	2.7								12.7	8.4
SSW	1.3	2.7	10.7	6.7	.7	.7						22.7	9.4
SW		.7	4.7	3.3	.7							9.3	11.8
WSW			2.0	1.3	.7							4.0	11.7
W			4.0	1.3	.7							6.0	10.8
WNW			3.3	.7	.7							4.7	10.7
NW		.7	2.7	1.3	.7							4.7	9.1
NNW			5.3	.7	.7							6.7	11.0
VARB													
CALM												.7	
	4.7	19.3	50.0	20.7	4.0	.7						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR

MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3	.7								3.3	6.4
NNE		1.3										1.3	5.0
NE	.7	.7										1.3	3.0
ENE	.7	2.0		.7								3.3	6.4
E	2.0	4.0	1.3	1.3								8.7	5.6
ESE	1.3	2.0	.7									4.0	4.2
SE		1.3										1.3	5.0
SSE													
S	6.0	6.0	4.0	.7								16.7	5.0
SSW	4.0	6.7	6.0	2.0								20.7	6.2
SW	1.3	2.0	6.7	1.3	.7							12.0	8.2
WSW	.7	.7	.7	2.7	.7							5.3	10.6
W		2.7		2.0								4.7	9.0
WNW	1.3	1.3		.7								3.3	6.0
NW		3.3	2.0	.7								6.0	6.8
NNW	.7	1.3	.7	1.3								4.0	7.5
VARB													
CALM												4.0	
	18.7	38.7	23.3	14.0	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR

MONTH

ALL WEATHER
CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.3	1.3								3.3	10.2
NNE		1.3	.7									2.0	5.3
NE	.7	.7	.7									2.0	5.7
ENE	1.3			.7								2.0	5.3
E	1.3	.7	.7	.7								2.7	6.3
ESE	2.7	1.3										4.0	2.8
SE													
SSE	1.3											1.3	2.0
S	2.7	2.7	3.3									8.7	5.2
SSW	4.0	4.0	5.3	1.3								14.7	6.1
SW	2.0	4.0	2.0	2.7								10.7	7.4
WSW	3.3	.7	5.3									9.3	5.7
W	2.0	.7	.7									3.3	3.8
WNW		.7	.7	1.3								2.7	10.3
NW		.7	.7									1.3	5.5
NNW		1.3										1.3	5.5
VARBL													
CALM												30.7	
	21.3	18.7	21.3	8.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
MOUSE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.6	1.7	.2							5.4	9.2
NNE	.2	1.5	1.2	.7	.1							3.8	7.8
NE	.3	1.1	.9	.2								2.3	6.5
ENE	.4	1.1	1.2	1.0	.1							3.7	8.1
E	1.0	1.3	.9	.3								3.6	5.6
ESE	1.1	.5	.3									1.9	3.7
SE	.2	.5	.1									.7	4.7
SSE	.4	.2	.2									.9	4.5
S	1.7	2.7	3.7	.7								8.9	6.5
SSW	2.1	3.2	4.3	2.7	.2	.2						12.8	7.8
SW	.9	1.5	3.3	2.2	.3							8.2	9.0
WSW	1.3	2.4	3.2	1.7	.2							8.8	7.7
W	.7	1.9	2.6	1.0	.1							6.2	7.7
WNW	.6	1.1	1.7	.8	.2							4.4	8.2
NW	.2	1.2	2.0	.7	.1							4.2	8.0
NNW	.2	1.2	1.7	.6	.2							3.9	8.2
VARBL													
CALM												19.7	
	11.7	23.2	29.1	14.3	1.7	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13734

STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3	1.3	.6								3.9	7.2
NNE		1.3	1.3									2.6	6.5
NE	1.3	3.9	.6									5.8	4.2
ENE	.6	1.3	.6									2.6	4.8
E	.6	3.2	.6	.6								4.5	6.4
ESE	.6	1.3	.6									2.6	5.0
SE	1.3											1.3	2.0
SSE		1.3	.6									1.9	6.0
S	1.9	3.2	.6									5.8	4.3
SSW	1.9	1.9	1.3	1.3								6.5	6.0
SW	1.9	5.2	.6									7.7	4.5
WSW			1.3									1.3	8.0
W	.6	1.3	1.3									3.2	5.2
WNW		.6	.6									1.3	6.0
NW		.6	.6									1.3	7.5
NNW		1.3										1.3	6.0
VARBL													
CALM												46.5	
	11.6	27.7	11.6	2.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	1.3									4.5	5.1
NNE	1.9	3.2	.6									5.8	4.8
NE	1.9	1.3	.6									3.9	4.5
ENE		1.9	.6									2.6	5.8
E	1.3	.6	1.3									3.2	4.8
ESE	.6	2.6										3.2	4.4
SE													
SSE	.6	1.3	.6									2.6	5.5
S	1.3	2.6	1.3									5.2	5.3
SSW	1.3		.6									1.9	5.0
SW	2.6	1.3	.6									4.5	3.4
WSW	1.9	1.3	1.3	.6								5.2	6.1
W	1.9	1.3										3.2	3.4
WNW	.6	1.3		.6								2.6	6.0
NW	1.9	.6	1.3									3.9	4.8
NNW		1.9	1.3									3.2	6.0
VARBL													
CALM												44.5	
	19.4	23.2	11.0	1.3								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.6	2.6	1.3								7.1	6.5
NNE	1.9	3.2	3.2	1.9								10.3	7.1
NE	2.6	3.2	1.9	1.3								9.0	5.5
ENE	.6	1.9		.6								3.2	6.4
E	.6	4.5	.6									5.8	4.7
ESE	.6	1.3										1.9	3.7
SE	.6											.6	2.0
SSE	.6	.6										1.3	4.5
S	3.9	2.6	.6	.6								7.7	4.3
SSW	1.3	1.3	1.9	.6								5.2	6.4
SW		1.9										1.9	4.7
WSW	3.2	1.3	1.9									6.5	4.5
W	2.6	4.5	3.9									11.0	5.6
WNW	1.9	1.9	1.3									5.2	4.3
NW	1.9	1.9										3.9	3.3
NNW	.6	.6										1.3	4.0
VARBL													
CALM												18.1	
	25.8	31.6	18.1	6.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) CHERRY P--ETC(U).
JUN 78

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UNCLASSIFIED

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2 OF 4
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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.8	3.2	.6								11.0	6.3
NNE	1.3	2.6	1.9	1.9	.6							8.4	8.4
NE	1.3	3.9	5.2									10.3	6.3
ENE		2.6	1.9									4.5	5.4
E	.6	1.3	3.2	.6								5.8	7.1
ESE		.6	1.3									1.9	6.7
SE		.6	.6									1.9	8.7
SSE	1.3	1.3	1.9	.6								5.2	6.9
S	.6	3.9	2.6	1.9								9.0	7.8
SSW		2.6	2.6									5.2	6.9
SW		1.3	3.2									4.5	7.6
WSW		3.2	5.8	.6								9.7	7.6
W	1.3	3.9	3.2	1.3								9.7	7.0
WNW		.6	.6									1.3	7.0
NW	.6	1.9	2.6									5.2	6.5
NNW	.6	1.3	.6									2.6	5.0
VARBL												3.9	
CALM												100.0	6.7
	9.0	37.4	40.6	8.4	.6								

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

MAY

MONTH

13

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		4.5	3.9	.6								9.0	7.0
NNE		2.6	1.3	.6								4.5	7.4
NE	1.3	2.6	3.2	.6								7.7	6.7
ENE		1.9	3.2	.6								7.7	8.4
E		1.9	1.9	.6								4.5	7.7
ESE		.6		1.3								1.9	9.7
SE	.6	.6	1.3									2.6	6.0
SSE	.6	1.3	5.2	.6	.6							8.4	8.6
S		2.6	5.8	2.6								11.0	8.9
SSW	.6	1.9	4.5	1.9	.6							9.7	8.7
SW	.6	.6	4.5									5.8	7.3
WSW		1.9	2.6	1.3								5.8	8.4
W		3.2	1.9	1.3								6.5	7.6
WNW		.6	1.9									2.6	7.5
NW	.6	1.3	2.6									4.5	6.7
NNW		2.6	1.3									3.9	6.3
VARB													
CALM												3.9	
	4.5	31.0	47.1	12.3	1.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	1.3									6.5	5.3
NNE	.6	.6	1.3									2.6	6.0
NE	.6	1.9	1.3									3.9	5.7
ENE	.6	1.9	6.5	1.9								11.0	6.2
E	.6	3.9	1.9									6.5	6.4
ESE		1.3	.6									1.9	7.0
SE	.6	1.3	1.9		.6							4.5	7.7
SSE		3.2	3.9									7.1	7.2
S	.6	4.5	7.1	2.6								14.8	8.3
SSW	.6	3.2	9.7	2.6								16.1	8.2
SW	.6	2.6	5.8	.6	.6							10.3	8.8
WSW			1.9	.6	.6							3.2	11.4
W		.6	1.9									2.6	7.8
WNW		.6	.6									1.3	7.0
NW		1.3	2.6									3.9	8.0
NNW		.6	1.9	.6								3.2	8.6
VARBL													
CALM												.6	
	6.5	31.6	50.3	9.0	1.9							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.6	1.9									4.5	7.1
NNE		1.9										1.9	5.7
NE	1.3	1.9	.6									3.9	4.2
ENE	.6	2.6	2.6									5.8	5.7
E	1.3	3.9	3.2									8.4	5.5
ESE		1.3	.6									1.9	5.7
SE	1.9	1.3	.6									3.9	4.5
SSE	4.5		3.9									8.4	4.9
S	4.5	6.5	.6	1.3								12.9	5.1
SSW	2.6	9.0	3.9	1.9	.6							18.1	6.5
SW	.6	5.2		.6								6.5	5.4
WSW	1.9	2.6	2.6									7.1	5.5
W			.6									.6	10.0
WNW	.6	.6										1.3	3.5
NW	1.3	1.9	.6									3.9	4.2
NNW	.6	.6										1.3	4.0
VARBL													
CALM												9.7	
	21.9	41.9	21.9	3.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	1.9									3.9	5.8
NNE	.6	2.6	.6									3.9	5.5
NE	.6	2.6										3.2	4.6
ENE	1.3	1.9	.6									3.9	4.7
E	.6	2.6	.6	.6								4.5	6.0
ESE	1.9	.6										2.6	2.3
SE	.6	1.3		.6								2.6	6.8
SSE	.6	1.9	.6									3.2	5.0
S	3.9	1.3	1.3									6.5	3.9
SSW	1.3	3.2	2.6	1.3								8.4	6.7
SW	3.9	5.2	1.3									10.3	4.2
WSW	.6	1.3	2.6									4.5	6.4
W	1.3	.6										1.9	3.3
WNW			.6									.6	10.0
NW		.6										.6	6.0
NNW	.6	.6	.6	.6								2.6	6.5
VARBL													
CALM												36.8	
	19.4	27.1	13.5	3.2								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	2.2	.4								6.3	6.3
NNE	.8	2.3	1.3	.6	.1							5.0	6.7
NE	1.4	2.7	1.7	.2								6.0	5.5
ENE	.5	2.0	2.3	.4								5.2	6.8
E	.7	2.7	1.6	.3								5.4	6.1
ESE	.5	1.2	.4	.2								2.3	5.3
SE	.7	.6	.6	.2	.1							2.2	6.1
SSE	1.0	1.4	2.1	.2	.1							4.8	6.5
S	2.1	3.4	2.5	1.1								9.1	6.4
SSW	1.2	2.9	3.4	1.2	.2							8.9	7.1
SW	1.3	2.9	2.0	.2	.1							6.5	5.9
WSW	1.0	1.5	2.5	.4	.1							5.4	6.9
W	1.0	1.9	1.6	.3								4.8	6.2
WNW	.4	.8	.7	.1								2.0	5.8
NW	.8	1.3	1.3									3.4	5.8
NNW	.3	1.2	.7	.2								2.4	6.2
VARBL													
CALM												20.5	
	14.8	31.5	26.9	5.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1240

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	2.0									5.3	5.3
NNE	1.3	1.3	1.3									4.0	4.3
NE	.7	1.3	1.3									3.3	5.6
ENE		.7										.7	4.0
E	2.0	.7										2.7	2.8
ESE	.7	.7										1.3	3.0
SE	.7											.7	2.0
SSE	1.3	.7										2.0	2.3
S	4.0	3.3										7.3	3.3
SSW	2.7	1.3	2.0									6.0	4.3
SW	4.0	6.0	2.0									12.0	4.2
WSW	1.3	3.3	.7									5.3	4.6
W		.7	1.3									2.0	7.0
WNW	.7											.7	3.0
NW		.7										.7	5.0
NNW													
VARBL													
CALM												46.0	
	21.3	22.0	10.7									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	.7									3.3	5.4
NNE	3.3	3.3	.7									7.3	4.1
NE		.7	.7									1.3	7.5
ENE	2.0	1.3										3.3	3.4
E	.7	.7	.7									2.0	4.3
ESE													
SE	2.7	.7										3.3	2.2
SSE	.7											.7	2.0
S	2.7	1.3	.7									4.7	3.4
SSW	4.0	3.3	.7									8.0	3.8
SW	2.7	4.0										6.7	3.5
WSW	1.3	4.0										5.3	4.3
W	4.7	.7										5.3	2.4
WNW			.7									.7	8.0
NW	.7	.7										1.3	3.5
NNW	.7	.7		.7								2.0	6.7
VARBL													
CALM												44.7	
	26.0	24.0	4.7	.7								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.3	2.0	.7								6.0	5.9
NNE	1.3	2.7	2.7	.7								7.3	6.2
NE	2.0	5.3										7.3	3.9
ENE	.7	3.3	.7									4.7	4.6
E	.7	2.0	1.3									4.0	5.8
ESE	1.3		.7									2.0	4.0
SE	.7											.7	2.0
SSE	.7											.7	2.0
S	2.0	2.0	.7									4.7	4.3
SSW	1.3	2.0										3.3	4.0
SW	1.3	3.3	1.3									6.0	4.9
WSW	4.0	6.7	2.0									12.7	4.2
W	2.7	2.7	1.3									6.7	4.5
WNW		.7	.7									1.3	7.0
NW	1.3	2.0										3.3	3.4
NNW	.7	2.7	.7	.7								4.7	6.1
VARBL												24.7	
CALM												100.0	3.6
	22.7	36.7	14.0	2.0									

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.7	2.0	.7								8.1	5.4
NNE	2.0	1.3	2.0									5.4	5.0
NE		2.7	2.0	1.3								6.0	8.0
ENE		1.3	2.7									4.0	7.0
E	1.3	4.7	3.4									9.4	5.8
ESE		.7	2.0									2.7	7.3
SE		.7										.7	4.0
SSE	2.0	1.3										3.4	2.8
S	1.3	3.4	3.4									8.1	5.8
SSW	2.0	2.7	4.0	.7								9.4	6.9
SW	.7	2.7	1.3									4.7	5.0
WSW		3.4	4.0									7.4	6.8
W	4.0	2.0	6.0									12.1	5.5
WNW	1.3	.7										2.0	2.7
NW	2.0	2.7	1.3									6.0	4.4
NNW	.7	2.7	1.3	.7								5.4	6.3
VARBL													
CALM												5.4	
	20.1	35.6	35.6	3.4								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	2.0									6.0	4.6
NNE		4.0	1.3	1.3								6.7	7.2
NE		2.0	1.3	1.3								4.7	7.3
ENE	.7	3.3	4.7									8.7	6.6
E	.7	2.0	3.3									6.0	6.6
ESE	.7	2.7	2.0									5.3	6.0
SE		.7										.7	6.0
SSE		4.0	2.0									6.0	5.8
S	1.3	8.0	4.0									13.3	6.2
SSW	1.3	5.3	4.0									10.7	6.1
SW	.7	3.3	2.7									6.7	6.2
WSW	1.3	.7	3.3	.7								6.0	7.1
W	.7	1.3	2.0									4.0	6.7
WNW	.7	.7	.7									2.0	5.3
NW	.7	2.0	1.3									4.0	5.5
NNW	.7	4.0	.7	.7								6.0	5.9
VARBL													
CALM												3.3	
	11.3	46.0	35.3	4.0								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7									1.3	6.0
NNE	1.3	1.3	1.3	.7								4.7	6.9
NE	.7	.7	1.3									2.7	6.8
ENE		2.7	6.7	.7								10.0	8.1
E	1.3	1.3	2.0									4.7	5.7
ESE		2.0	2.0									4.0	6.7
SE		2.0	2.0									4.0	6.2
SSE	.7	2.7	3.3									6.7	6.7
S	.7	10.0	6.0									16.7	6.6
SSW	1.3	6.0	10.0	1.3								18.7	7.4
SW	.7	1.3	5.3	.7								8.0	7.6
WSW	.7	1.3	2.0									4.0	7.2
W	1.3	2.0	1.3	.7								5.3	6.4
WNW		.7	1.3									2.0	7.0
NW		1.3	.7									2.0	6.0
NNW		2.0	1.3									3.3	6.2
VARBL													
CALM												2.0	
	8.7	38.0	47.3	4.0								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

150

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7										3.3	4.6
NNE	.7	.7	1.3									2.7	5.8
NE		2.7	3.3	.7								6.7	7.4
ENE	2.0	1.3	1.3									4.7	4.4
E	4.7	2.0	1.3									8.0	4.3
ESE	1.3	1.3										2.7	4.0
SE	1.3	1.3										2.7	4.3
SSE	2.0	2.7										4.7	3.1
S	7.3	9.3	2.0									18.7	4.0
SSW	4.0	6.7	4.7									15.3	5.1
SW	4.0	5.3	2.7	.7								12.7	5.2
WSW	1.3	2.0										3.3	4.6
W													
WNNW		.7										.7	4.0
NW		2.0	.7	.7								3.3	7.0
NNW	.7											.7	2.0
VARBL													
CALM												10.0	
	30.0	40.7	17.3	2.0								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 YEARS MONTH JUN
HOURS (L.S.T.) 22

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3										2.0	4.3
NNE	.7		2.7									3.3	6.8
NE	.7	2.7	.7									4.0	4.7
ENE	4.0	.7	.7									5.3	3.4
E	4.7		.7									5.3	2.8
ESE	1.3											1.3	2.0
SE	2.0	.7										2.7	2.8
SSE	.7	.7	.7									2.0	4.0
S	3.3	5.3	.7									9.3	4.1
SSW	4.0	6.7	.7									11.3	4.3
SW	4.7	5.3	2.7									12.7	4.1
WSW	1.3	2.7										4.0	3.7
W			.7									.7	7.0
WNW													
NW	.7	1.3										2.0	4.7
NNW													
VARB													
CALM												34.0	
	28.7	27.3	10.0									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	1.2	.2								4.4	5.2
NNE	1.3	1.8	1.7	.3								5.2	5.7
NE	.5	2.3	1.3	.4								4.5	6.3
ENE	1.2	1.8	2.1	.1								5.2	5.8
E	2.0	1.7	1.6									5.3	5.0
ESE	.7	.9	.8									2.4	5.3
SE	.9	.8	.3									1.9	3.9
SSE	1.0	1.5	.8									3.3	4.6
S	2.8	5.3	2.2									10.3	5.0
SSW	2.6	4.3	3.3	.3								10.3	5.6
SW	2.3	3.9	2.3	.2								8.7	5.0
WSW	1.4	3.0	1.5	.1								6.0	5.2
W	1.7	1.2	1.6	.1								4.5	5.3
WNW	.3	.4	.4									1.2	5.3
NW	.7	1.6	.5	.1								2.8	5.0
NNW	.4	1.5	.5	.3								2.8	6.0
VARBL													
CALM												21.3	
	21.1	33.8	21.9	2.0								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

1199

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	3.3
NNE	1.3	2.6	.6									4.5	4.4
NIE	.6		.6									1.3	5.5
ENE	2.6											2.6	2.8
E	1.9											1.9	2.0
ESE		.6										.6	6.0
SE	.6											.6	2.0
SSE													
S	3.2	.6	.6									4.5	3.1
SSW	3.2	2.6										5.8	2.9
SW	8.4	3.9	1.3									13.5	3.6
WSW	3.2	3.9	.6									7.7	4.1
W	1.3	1.9	.6									3.9	4.2
WNW	1.3											1.3	2.3
NW		.6	.6									1.3	6.5
NNW			.6									.6	7.0
VARBL													
CALM												47.1	
	29.0	18.1	5.8									100.0	2.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE	1.3	1.3	.6									3.2	4.8
NE	1.3											1.3	2.5
ENE	1.3	.6	.6									2.6	4.3
E	.6	.6										1.3	3.0
ESE		.6										.6	4.0
SE	.6											.6	2.0
SSE													
S	1.3											1.3	2.0
SSW	1.9	1.3	1.9									5.2	3.0
SW	8.4	2.6	.6									11.6	2.8
WSW	5.2	5.8										11.0	3.7
W	1.9	2.6	1.3									5.8	4.4
WNW	1.3											1.3	1.5
NW	.6	.6										1.3	3.0
NNW	.6	1.3										1.9	4.0
VARBL													
CALM												50.3	
	26.5	18.1	5.2									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	1.3	1.3									5.2	4.5
NNE	.6	2.6										3.2	4.4
NE	1.3	4.5	.6									6.5	4.7
ENE	1.3	1.3	.6									3.2	4.2
E	2.6	.6										3.2	2.6
ESE	.6	.6										1.3	3.5
SE													
SSE	.6		.6									1.3	4.5
S	1.3	1.3	.6									3.2	4.2
SSW	1.9	1.3	.6									3.9	3.8
SW	3.9	1.3	1.3									6.5	4.0
WSW	1.9	7.7	.6									10.3	4.4
W	3.2	6.4	3.9									15.5	5.0
WNW	.6	1.9										2.6	4.0
NW	1.3	.6										1.9	3.3
NNW		2.6										2.6	4.3
VARBL													
CALM												29.7	
	23.9	36.1	10.3									100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

155

2
NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2										5.2	3.9
NNE	2.6	3.2	.6									6.5	4.5
NE	.6	2.6	1.3									4.5	5.7
ENE		6.5	1.3									7.7	5.7
E	1.9		2.6									4.5	5.9
ESE		.6										.6	4.0
SE	1.3	1.3										2.6	2.8
SSE	1.3	1.9	.6									3.9	4.8
S	2.6	1.9	1.3									5.8	4.6
SSW	2.6	2.6										5.2	3.6
SW	1.9	4.5	.6									7.1	5.4
WSW	1.9	5.2	2.6									9.7	5.3
W	5.8	7.1	3.2	.6								16.8	4.9
WNW		1.3	1.3									2.6	7.3
NW	1.9	2.6		.6								5.2	4.6
NNW	1.9	1.3										3.2	3.0
VARBL													
CALM												9.0	
	28.4	45.8	15.5	1.3								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

13

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	1.3									5.8	4.6
NNE		.6	.6									1.3	7.0
NE		1.9	1.3									3.2	6.2
ENE	1.3	2.6	1.9	1.9								7.7	7.3
E	.6	3.9	2.6									7.1	5.9
ESE	1.3	1.9	.6									3.9	4.3
SE	1.3		.6									1.9	4.0
SSE		.6	1.3									1.9	8.3
S	.6	2.6	7.7	.6								11.6	7.1
SSW	1.9	5.8	4.5	.6								12.9	6.1
SW	2.6	4.5	2.6									9.7	5.4
WSW	.6	5.2	1.9	1.3								9.0	7.0
W	1.3	5.2	5.8									12.3	6.3
WNW	.6		.6									1.3	6.0
NW	1.3	.6										1.9	4.0
NNW	.6	1.3	.6									2.6	5.5
VARBL													
CALM												5.8	
	15.5	40.0	34.2	4.5								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

155

DIRNA VOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.6									2.6	5.3
NNE	1.3	2.6	.6									4.5	4.9
NE	.6	1.3		1.3								3.2	7.6
ENE	1.9	.6	3.9									6.5	6.9
E		3.2	2.6	.6								6.5	7.0
ESE		2.6	.6									3.2	5.4
SE		1.3										1.3	4.0
SSE		3.2		.6								3.9	6.2
S	1.9	8.4	9.0									19.4	6.3
SSW	2.6	11.6	7.1	.6								21.9	6.2
SW	1.3	2.6	5.8	.6								10.3	7.0
WSW		3.9	1.9	.6								6.5	6.8
W		.6	.6									1.3	6.0
WNW	.6	.6	1.3	.6								3.2	7.6
NW		.6	.6									1.3	6.0
NNW		1.9										1.9	4.7
VARBL													
CALM												2.6	
	11.6	45.8	34.8	5.2								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUL
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6		.6								1.9	7.7
NNE	1.3	.6										1.9	3.0
NE	.6	1.3										1.9	4.0
ENE		2.6	3.2									5.8	7.6
E	1.3	1.9	1.3									4.5	4.7
ESE	1.9	1.9										3.9	3.0
SE	.6	.6	.6									1.9	5.7
SSE	1.3	2.6										3.9	3.7
S	10.3	6.5	1.3									18.1	3.3
SSW	10.3	6.4	3.9									22.6	4.1
SW	1.3	6.5	3.9									11.6	6.0
WSW	.6	2.6	1.3									4.5	5.3
W	1.3	1.9	1.3									4.5	4.9
WNW	.6	.6										1.3	3.0
NW	.3	1.3										1.9	4.0
NNW													
VARBL													
CALM												9.7	
	32.9	40.0	16.8	.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER
CLASS

22

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE	.6											.6	1.0
NE		1.3	.6									1.9	5.7
ENE		1.3	.6									1.9	5.7
E	2.6	1.3										3.9	2.8
ESE	.6	1.9										2.6	4.5
SE	1.3											1.3	2.5
SSE	.6											.6	2.0
S	6.5		.6									7.1	2.6
SSW	9.7	5.8										13.5	3.0
SW	4.5	3.9	.6									9.0	3.6
WSW	1.9	4.5	1.3									7.7	5.0
W	1.3	1.3	.6									3.2	4.8
WNW			.6									.6	10.0
NW	.6	.6										1.3	4.0
NNW		.6										.6	6.0
VARBL													
CALM												41.3	
	30.3	23.2	5.2									100.0	2.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
MOORE (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.5	.4	.1								3.1	4.6
NNE	1.1	1.7	.4									3.2	4.5
NE	.6	1.6	.6	.2								3.0	5.4
ENE	1.0	1.9	1.5	.2								4.8	6.1
E	1.5	1.5	1.1	.1								4.1	4.9
ESE	.6	1.4	.2									2.1	4.2
SE	.7	.4	.2									1.3	3.6
SSE	.5	1.0	.3	.1								1.9	5.2
S	3.5	2.7	2.7	.1								8.9	4.8
SSW	4.3	4.9	2.3	.2								11.6	4.6
SW	4.0	3.7	2.1	.1								9.9	4.7
WSW	1.9	4.8	1.3	.2								8.3	5.1
W	2.0	3.6	2.2	.1								7.9	5.1
WNW	.6	.6	.5	.1								1.8	5.4
NW	.6	1.0	.2	.1								2.0	4.4
NNW	.4	1.1	.2									1.7	4.4
VARBL													
CALM												24.4	
	24.8	33.4	16.0	1.5								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6									3.2	4.2
NNE	1.3	1.3	1.3									3.9	5.0
NE	.6	.6	1.9									3.2	6.4
ENE	.6	1.3	.6									2.6	6.3
E	.6	1.9										2.6	3.8
ESE	1.3											1.3	2.0
SE	.6											.6	2.0
SSE	.6											.6	2.0
S	3.2	1.9										5.2	2.9
SSW	2.6	1.9										4.5	3.3
SW	3.2	1.9	1.9									7.1	4.6
WSW	.6	5.8	1.9	.6								9.0	5.9
W	1.3	4.5	.6									6.5	4.3
WNW	.6											.6	2.0
NW													
NNW													
VARBL													
CALM												49.0	
	18.7	22.6	9.0	.6								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.0
NNE	2.6	1.3	1.3									3.2	4.1
NE		1.9	.6									2.6	6.0
ENE		1.3	1.3									2.6	7.0
E	.6		.6									1.3	5.5
ESE		1.3										1.3	4.5
SE			.6									.6	8.0
SSE													
S													
SSW	3.2	1.3										4.5	2.7
SW	3.9	1.9	.6									6.5	3.5
WSW	5.2	3.2	2.6	.6								11.6	5.1
W	1.9											1.9	2.3
WNW	.6	1.9										2.6	4.3
NW		1.3	.6									1.9	6.0
NNW	.6	1.3										1.9	4.7
VARBL													
CALM												54.2	
	19.4	17.4	8.4	.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	1.3	1.3									6.3	3.7
NNE	2.6	1.9	1.3	.6								6.3	5.7
NE		3.2	3.9									7.1	6.5
ENE	1.3			.6								1.9	5.7
E	2.6		.6									3.2	4.0
ESE	.6											.6	3.0
SE													
SSE	2.6											2.6	1.8
S	1.9	.6										2.6	2.5
SSW		1.9										1.9	5.0
SW	2.6	3.9	1.9									8.4	4.8
WSW	.6	3.9		.6								5.2	5.3
W	2.6	4.5	1.3	.6								9.0	5.0
WNW	1.9	1.3										3.2	3.2
NW	1.3											1.3	2.0
NNW	1.3											1.3	2.5
VARBL													
CALM												36.7	
	25.8	22.6	10.3	2.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.2	1.3	.6								7.1	5.7
NNE	1.3	5.2	3.2									9.7	5.8
NE		1.9	1.9	.6								4.5	7.0
ENE	2.6	3.9	3.9	.6								11.0	6.4
E	1.9	1.9	3.9									7.7	6.1
ESE	.6	.6	.6									1.9	4.7
SE		.6	.6									1.3	7.0
SSE		.6										.6	4.0
S	.6	1.3	1.9									3.9	6.5
SSW	1.3	2.6	.6									4.5	4.3
SW	2.6	1.9	1.9									6.5	4.7
WSW	.6	6.5	1.9	1.3								10.3	6.5
W	1.3	5.8	5.2									12.3	6.3
WNW	1.9	.6	.6	.6								3.9	6.0
NW	1.9	3.2										5.2	3.8
NNW	1.3	.6										1.9	3.0
VARB													
CALM												7.7	
	20.0	40.6	27.7	3.9								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77
YEARS

AUG
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3	.6									3.9	4.2
NNE	2.6	3.9	1.9									8.4	5.1
NE	.6	.6	1.9	1.3								4.5	8.3
ENE	.6	3.9	4.5	1.9								11.0	7.3
E	1.3	3.9	4.5	.6								10.3	7.1
ESE	.6	.6	2.6									3.9	6.3
SE			.6									.6	7.0
SSE	.6	1.3	1.9									3.9	6.5
S	1.9	4.5	.6									7.1	5.0
SSW	1.9	3.9	3.2	1.9								11.0	6.6
SW	.6	1.3	1.3	.6								3.9	7.2
WSW	.6	4.5	5.2	1.3								10.3	6.6
W	.6	5.2	.6	1.3								7.7	6.0
WNW		1.9	.6									2.6	5.0
NW		1.3		.6								1.9	8.0
NNW	.6	1.3										1.9	3.7
VARBL													
CALM												7.1	
	14.8	39.4	30.3	9.4								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	.6									2.6	5.5
NNE		2.6										2.6	4.5
NE		1.9	1.3	.6								3.9	7.7
ENE	1.3	3.2	5.2	.6								10.3	7.3
E	.6	3.2	6.5	1.3								11.6	7.7
ESE	1.3	2.6										3.9	4.0
SE	.6	1.3										1.9	4.3
SSE	.6	3.2										3.9	5.0
S	.6	7.1	5.8									13.5	6.0
SSW	2.6	8.4	5.8	1.9								18.7	6.5
SW	.6	3.9	1.9	1.9								6.4	8.1
WSW	.6	3.9	1.3	.6								6.5	6.7
W	.6	1.3	1.3									3.2	6.0
WNW	.6		1.3									1.9	7.7
NW	.6	1.3										1.9	3.0
NNW		1.3										1.3	4.5
VARBL													
CALM												3.9	
	11.0	47.1	31.0	7.1								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	3.8
NNE	.6	.6	1.3									2.6	6.0
NE	3.2	.6	.6	.6								5.2	4.3
ENE	1.9	3.2	3.2	.6								9.0	6.5
E	2.6	3.9	.6									7.1	4.1
ESE	1.3	.6										1.9	2.7
SE	.6	1.3										1.9	4.0
SSE	.6	1.3										1.9	3.7
S	14.2	3.2	.6									18.1	2.8
SSW	6.5	7.1	1.9									15.5	4.3
SW	3.2	5.2	3.2	.6								12.3	5.9
WSW	1.3	1.3	.6									3.2	4.8
W	1.9	1.3	.6									3.9	3.7
WNW													
NW			.6									.6	10.0
NNW													
VARBL												14.2	
CALM												100.0	3.8
	39.4	31.0	13.5	1.9									

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

AUG
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3									1.3	8.0
NNE	.6	2.6										3.2	4.0
NE	1.3		1.9									3.2	6.0
ENE	2.6		1.3	.6								4.5	6.1
E	1.9	1.9										3.9	3.3
ESE	1.3	1.3										2.6	3.8
SE	3.2											3.2	2.0
SSE	1.9											1.9	2.3
S	5.2											5.2	2.0
SSW	2.6		.6									3.2	3.8
SW	5.2	5.8	2.6									13.5	4.9
WSW	1.3	3.9	1.9									7.1	5.5
W	1.3											1.3	2.5
WNW													
NW			.6									.6	8.0
NNW		.6										.6	5.0
VARB.													
CALM												44.5	
	28.4	16.1	10.3	.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

AUG

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.7	.1								3.5	4.7
NNE	1.5	2.4	1.3	.1								5.2	5.2
NE	.7	1.4	1.3	.4								4.3	6.5
ENE	1.4	2.1	2.5	.6								6.6	6.7
E	1.5	2.1	2.1	.2								6.0	5.9
ESE	.9	.9	.4									2.2	4.3
SE	.6	.4	.2									1.3	4.1
SSE	.9	.8	.2									1.9	4.2
S	3.5	2.3	1.1									6.9	4.1
SSW	2.6	3.4	1.5	.5								8.0	5.2
SW	2.7	3.2	1.9	.4								8.3	5.4
WSW	1.4	4.1	1.9	.5								7.9	5.9
W	1.5	2.8	1.2	.2								5.7	5.2
WNW	.7	.7	.3	.1								1.9	5.0
NW	.5	.9	.2	.1								1.6	4.7
NNW	.5	.6	.1									1.2	4.2
VARBL													
CALM												27.4	
	22.2	29.6	17.6	3.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	.7	.7									4.7	3.7
NNE	2.0	5.3	2.7									10.0	5.6
NE	.7	4.7	.7									6.0	4.9
ENE	1.3	2.7										4.0	4.5
E	1.3	.7										2.0	3.0
ESE	.7	.7										1.3	4.0
SE	2.0											2.0	2.0
SSE	.7	1.3										2.0	3.3
S	1.3											1.3	3.0
SSW	2.0	.7	.7									3.3	4.2
SW	3.3	1.3	.7									5.3	3.8
WSW	1.3	4.0	.7									6.0	4.2
W	.7	.7										.7	6.0
WNW	.7		.7									1.3	4.5
NW	1.3	.7	.7									2.7	4.5
NNW			.7									.7	8.0
VARBL													
CALM												46.7	
	22.0	23.3	8.0									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.3	4.7									10.0	3.9
NNE	3.3	4.7	2.0									10.0	4.9
NE	.7	3.3	1.3									5.3	5.1
ENE	2.0	1.3	.7									4.0	4.2
E	1.3	2.0										3.3	3.6
ESE		1.3										1.3	5.5
SE		.7										.7	6.0
SSE		.7										.7	5.0
S	1.3	.7	.7									2.7	4.5
SSW	.7											.7	3.0
SW	2.0	.7										2.7	2.8
WSW	1.3	3.3										4.7	3.6
W	.7	.7	.7									1.3	6.0
WNW	.7	1.3	.7									2.7	5.0
NW													
NNW	.7	1.3										2.0	3.7
VARBL													
CALM												48.0	
	16.0	25.3	10.7									100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP

MONTH

ALL WEATHER
CLASS

07

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

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SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.0	2.7									8.0	5.8
NNE	2.7	6.0	6.0									14.7	5.8
NIE	2.7	4.7	3.3									10.7	5.1
ENE	.7	.7										1.3	4.0
E	.7	.7	.7									2.0	4.7
ESE	1.3	1.3										2.7	3.8
SE		.7										.7	4.0
SSE		2.0										2.0	4.7
S	1.3	.7										2.0	2.7
SSW	.7	.7										1.3	4.5
SW	1.3											1.3	2.0
WSW	2.0	4.0										6.0	3.9
W	2.0	2.0										4.0	3.7
WNW		2.7	.7									3.3	5.8
NW	.7	1.3										2.0	3.7
NNW	2.7	2.0										4.7	3.4
VARBL													
CALM												33.3	
	20.0	33.3	13.3									100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.0	4.7	.7								11.3	6.3
NNE	2.7	4.0	2.0	.7								9.3	5.6
NE	1.3	6.7	4.7	.7								13.3	6.6
ENE		2.7	5.3	1.3								9.3	8.2
E	1.3	3.3	2.0									6.7	5.2
ESE		1.3										1.3	4.5
SE	2.0		1.3									3.3	4.6
SSE	1.3	2.0	.7	.7								4.7	6.0
S		1.3	1.3									2.7	6.8
SSW	.7	3.3	.7									4.7	4.7
SW		.7	.7									1.3	7.0
WSW	2.0	5.3	2.0	.7								10.0	5.7
W	.7	6.7	1.3									8.7	4.9
WNW		.7	1.3									2.0	7.0
NW	2.0	2.0										4.0	3.5
NNW	1.3		.7									2.0	4.3
VARBL													
CALM												5.3	
	17.3	44.0	28.7	4.7								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP
MONTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	4.7	2.0									7.3	5.0
NNE	.7	3.3	.7									4.7	5.1
NE		4.7	4.7	2.0								11.3	7.6
ENE	2.0	6.0	4.0	2.0								14.0	6.9
E	2.0	4.0	3.3	.7								10.0	5.9
ESE		1.3	.7									2.0	6.3
SE	.7	1.3	.7									2.7	5.5
SSE	.7	3.3	1.3									5.3	6.0
S	.7	3.3	4.7									8.7	6.2
SSW	.7	5.3	6.0									12.0	6.7
SW	.7	2.0	2.0									4.7	5.6
WSW	.7	2.0	1.3									4.0	5.7
W		1.3	1.3									2.7	6.5
WNW		1.3	.7									2.0	6.3
NW	.7	1.3	1.3									3.3	6.0
NNW		2.0	.7									2.7	5.0
VARBL													
CALM												2.7	
	10.0	47.3	35.3	4.7								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP

MONTH

16

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7		2.0									2.7	6.3
NNE	.7	1.3	1.3	.7								4.0	6.5
NE	.7	1.3	2.7	.7	.7							6.0	8.3
ENE		7.3	7.3									14.7	7.0
E		4.0	4.7	.7								9.3	7.3
ESE	1.3	2.0	.7									4.0	4.3
SE		1.3										1.3	5.0
SSE	.7	2.7	2.0	.7								6.0	7.2
S	4.0	8.7	5.3									18.0	5.5
SSW		6.0	2.0									8.0	6.3
SW		4.0	3.3									7.3	6.9
WSW		1.3	1.3									2.7	7.5
W	1.3	2.0	.7									4.0	4.2
WNW			1.3									1.3	8.5
NW		2.0	.7									2.7	6.0
NNW		2.7										2.7	5.0
VARBL													
CALM												5.3	
	9.3	46.7	35.3	2.7	.7							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP
MONTH

19
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7										2.7	4.8
NNE		3.3	2.7									6.0	6.2
NE	.7	2.0	2.0									4.7	6.1
ENE	.7	4.7	1.3									6.7	5.6
E	4.0	2.7	.7									7.3	4.0
ESE	1.3	2.0										3.3	3.4
SE	1.3											1.3	2.0
SSE	2.7	1.3										4.0	2.8
S	6.7	6.7										13.3	3.4
SSW	4.7	6.0										10.7	3.9
SW	1.3	4.7	.7									6.7	4.4
WSW	1.3		1.3									2.7	5.0
W		.7										.7	4.0
WNW	.7	1.3										2.0	4.0
NW			.7									.7	7.0
NNW													
VARBL													
CALM												27.3	
	25.3	38.0	9.3									100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

SEP
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	2.0									2.0	4.0
NNE	1.3	1.3	1.3									12.7	5.3
NE	1.3	3.3	1.3									6.0	4.9
ENE	1.3	2.7										4.0	4.2
E	4.0	4.0										8.0	3.8
ESE	1.3	1.3										2.0	3.7
SE	1.3											1.3	2.0
SSE		2.0										2.0	4.7
S	3.3	2.7										6.0	3.3
SSW	4.0	2.7										6.7	2.6
SW	1.3	5.3										6.0	4.1
WSW	1.3	.7	1.3									3.3	5.4
W													
WNW	1.3		.7									2.0	5.3
NW	2.0		.7									2.7	3.8
NNW													
VARBL													
CALM												35.3	
	23.3	35.3	6.0									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	2.1	.1								6.1	5.5
NNE	1.7	4.7	2.4	.2								8.9	5.6
NE	1.0	3.8	2.6	.4	.1							7.9	6.2
ENE	1.0	3.5	2.3	.4								7.2	6.4
E	1.8	2.7	1.4	.2								6.1	5.1
ESE	.7	1.4	.2									2.2	4.3
SE	.9	.5	.2									1.7	4.0
SSE	.7	1.9	.5	.2								3.3	5.4
S	2.3	3.0	1.5									6.8	4.7
SSW	1.7	3.1	1.2									5.9	4.9
SW	1.2	2.3	.9									4.4	4.8
WSW	1.2	2.6	1.0	.1								4.9	5.0
W	.5	1.7	.5									2.7	4.8
WNW	.4	.9	.7									2.1	5.7
NW	.8	.9	.5									2.2	4.7
NNW	.6	1.0	.2									1.8	4.4
VARBL												25.5	
CALM												100.0	3.9
	17.9	36.7	18.3	1.5	.1								

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

OCT
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	3.2	2.6	1.9								8.4	7.1
NNE	3.9	7.1	5.2	1.9								18.1	6.1
NE	.6	3.2	1.9									5.3	5.3
ENE	.6	.6	.6									1.9	4.7
E		.6	.6									1.3	7.0
ESE		.6										.6	4.0
SE													
SSE													
S		1.3	.6									1.9	5.7
SSW		.6										.6	5.0
SW	.6	.6	.6									1.9	5.3
WSW	3.2	1.3	.6									5.2	3.8
W	1.3	1.9	.6									3.9	4.3
WNW			.6									.6	8.0
NW	.6	.6	.6									1.3	7.0
NNW	.6	1.3	.6									2.6	5.0
VARBL													
CALM												45.8	
	11.6	23.2	15.5	3.9								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

UCT
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	3.2	.6								9.0	5.9
NNE	1.3	8.4	5.2	1.3								16.1	6.5
NE	1.9	3.2	2.6									7.7	5.8
ENE	.6											.6	2.0
E	1.3											1.3	2.5
ESE	.6		.6									1.3	4.5
SE	.6											.6	2.0
SSE		.6										.6	4.0
S		1.3	.6	.6								2.6	8.0
SSW	.6		.6									1.3	6.5
SW	1.3	1.3										2.6	3.8
WSW	1.9	.6	.6	.6								3.9	5.5
W	.6	2.6	.6									3.9	5.0
WNW			1.9									1.9	7.7
NW	1.3	2.6										3.9	4.2
NNW	1.3		1.3									2.6	4.5
VABBL													
CALM												40.0	
	16.1	23.2	17.4	3.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

OCT
MONTH

ALL WEATHER
CLASS

07
HOURS (L.E.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	2.6	1.9								9.7	6.4
NNE	3.2	7.7	5.8	.6								17.4	6.0
NE	1.3	3.2	.6	1.3								6.5	6.6
ENE	.6	1.9										2.6	4.3
E	.6	.6										1.3	3.5
ESE													
SE	.6			.6								1.3	7.5
SSE													
S		.6	.6									1.3	6.0
SSW	1.3	.6			.6							2.6	6.8
SW	.6		1.3									1.9	6.0
WSW	1.9	.6	1.3									3.9	5.0
W	1.3	3.9	.6									5.8	4.4
WNW		3.2										3.2	5.0
NW	1.3	1.9		.6								3.9	5.3
NNW		1.9	.6	1.3								3.9	7.8
VARBL													
CALM												34.8	
	15.5	29.0	13.5	6.5	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

155

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

OCT
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	4.5	4.5	1.3								11.0	7.4
NNE	2.6	8.4	3.9	3.2								18.1	6.8
NE	.6	3.9	7.7	2.6								14.8	7.7
ENE	3.2	3.2	3.9	.6								11.0	5.6
E	1.9	2.6	.6									5.2	4.6
ESE		.6										.6	6.0
SE		.6		.6								1.3	11.0
SSE		.6										.6	6.0
S		.6	.6									1.3	7.0
SSW	.6	1.9										2.6	3.8
SW	.6	.6	.6									1.9	6.0
WSW	.6	1.3	2.6									4.3	6.3
W	1.9	3.2	1.9	2.6								9.7	7.1
WNW		1.9	.6	.6								3.2	7.6
NW	1.3	.6	1.3									3.2	5.2
NNW	1.3	.6	1.9									3.9	5.8
VARB													
CALM												7.1	
	15.5	35.5	30.3	11.6								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

OCT

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.9	3.9	1.3								10.3	7.2
NNE	1.3	3.2	5.8	1.3								11.6	7.2
NE	.6	3.9	5.2	.6								10.3	6.8
ENE	1.3	7.7	4.5	1.3								14.8	6.5
E	1.3	1.3	2.6	.6								5.8	6.7
ESE	.6											.6	3.0
SE		.6		.6								1.3	9.5
SSE													
S	.6	1.9	1.3									3.9	5.3
SSW	1.3	.6	2.6	.6								5.2	7.3
SW	1.9	1.9	2.6	.6								5.2	7.5
WSW	1.3	2.6	1.3	.6								5.8	5.9
W	1.3	5.2	2.6	.6								9.7	6.1
WNW			1.9									1.9	9.0
NW		1.9	1.9									3.9	7.0
NNW	1.3	2.6	3.9									7.7	6.3
VARBL													
CALA												1.9	
	12.3	37.4	40.0	8.4								100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

OCT
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.8	4.5	1.3								12.9	6.8
NNE	.6	2.6	5.2	.6								9.0	7.2
NE	1.3	1.9	2.6	1.3								7.1	7.1
ENE	1.3	7.7	3.9	1.3								14.2	6.5
E	.6	4.5	2.6									7.7	5.8
ESE	.6											.6	3.0
SE	1.3											1.3	3.0
SSE	.6											.6	2.0
S	1.9	5.8	.6									8.4	4.7
SSW	1.3	3.9	2.6									7.7	5.5
SW	.6	1.9	1.3	.6								4.5	6.7
WSW	1.9	.6										2.6	3.3
W	1.3	2.6	.6	1.9								6.5	7.2
WNW	.6		1.9	.6								3.2	8.6
NW	.6	1.3	1.9									3.9	5.8
NNW	.6	.6	1.9	1.3								4.5	8.6
VARBL													
CALM												5.2	
	16.8	39.4	29.7	9.0								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

OCT

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	.6	1.3								5.2	6.8
NNE	2.6	2.6	5.8	.6								11.6	6.2
NE	.6	5.2	3.9	1.3								11.0	6.8
ENE	1.3		2.6									3.9	6.0
E	1.9	1.3										3.2	3.2
ESE	1.3											1.3	2.0
SE	1.9											1.9	3.0
SSE													
S	2.6	1.9										4.5	3.1
SSW	2.6	3.2										5.8	3.2
SW	1.3	3.9	1.3									6.5	4.5
WSW	1.9	.6	.6									3.2	3.6
W	1.3	.6	1.3									3.2	5.8
WNW		1.3										1.3	5.0
NW	.6	1.9										2.6	3.8
NNW	.6	3.9	1.3									5.8	5.1
VABBL													
CALM												29.0	
	21.9	28.4	17.4	3.2								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	1.9	1.3	.6							8.4	7.7
NNE	2.6	5.2	5.8	1.3								14.8	6.3
NE	1.9	1.3	3.9									7.1	6.3
ENE	1.3	1.9	.6									3.9	4.5
E	.6											.6	2.0
ESE	1.9											1.9	2.3
SE													
SSE	1.3	.6										1.9	3.0
S	.6	1.3	.6									2.6	5.8
SSW		1.9										1.9	4.0
SW	3.2		.6									3.9	3.8
WSW	.6	3.2										3.9	4.2
W	1.3		.6									1.9	5.0
WNW		.6										.6	6.0
NW	.6											.6	2.0
NNW	.6		1.9									2.6	7.5
VARBL													
CALM												43.2	
	18.7	18.7	16.1	2.6	.6							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

0CT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.4	3.0	1.4	.1							9.4	6.9
NNE	2.3	5.6	5.3	1.4								14.6	6.5
NE	1.1	3.2	3.5	.9								8.8	6.7
ENE	1.3	2.9	2.0	.6								6.6	5.9
E	1.0	1.4	.8	.1								3.3	5.1
ESE	.6	.2	.1									.9	3.3
SE	.6	.2		.2								1.0	6.1
SSE	.2	.2										.5	3.5
S	.7	1.9	.6	.1								3.3	5.2
SSW	1.0	1.6	.7	.1	.1							3.5	5.2
SW	1.0	1.3	1.0	.2								3.5	5.5
WSW	1.7	1.4	.9	.2								4.1	4.8
W	1.3	2.5	1.1	.6								5.6	6.0
WNW	.1	.9	.9	.2								2.0	7.2
NW	.7	1.4	.7	.1								2.9	5.3
NNW	.8	1.4	1.7	.3								4.2	6.4
VARBL													
CALM												25.9	
	16.0	29.4	22.5	6.0	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.7	3.3	1.3								7.3	8.3
NNE	1.3	3.3	.7									5.3	4.8
NE	2.0	4.0										6.0	3.9
ENE		.7	.7									1.3	6.0
E	.7	.7										1.3	4.0
ESE												.7	4.0
SE		.7										.7	2.0
SSE	.7											2.7	4.0
S	2.0		.7										
SSW													
SW	2.7		.7	1.3								4.7	6.3
WSW	2.0	1.3	1.3									4.7	4.6
W	2.0	2.7	2.0									6.7	5.5
WNW		4.0	.7	.7								5.3	6.5
NW	2.0	2.0										4.0	3.3
NNW	1.3	.7	1.3									3.3	6.0
VARBL													
CALM												46.0	
	16.7	22.7	11.3	3.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	3.3	1.3								6.0	8.8
NNE		4.7	1.3									6.0	6.3
NE	2.7	2.7	1.3									6.7	4.3
ENE		1.3	.7									2.0	6.0
E	.7	.7										1.3	4.5
ESE												.7	1.0
SE	.7												
SSE													
S	2.0	1.3										3.3	3.0
SSW	.7	1.3	.7									2.7	5.5
SW	1.3	2.0		.7								4.0	5.5
WSW	3.3	.7		.7								4.7	4.3
W	.7	6.0	.7		.7							8.0	5.6
WNW	1.3	3.3	.7									5.3	4.9
NW	2.7	2.0	1.3									6.0	4.3
NNW	.7	.7	.7									2.0	4.3
VARBL													
CALM												41.3	
	16.7	20.0	10.7	2.7	.7							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	3.3									6.7	6.4
NNE		3.3	.7									4.0	6.2
NE	.7	5.3	2.0									8.0	5.5
ENE	2.0		.7									2.7	3.5
E	1.3											1.3	2.5
ESE	.7		1.3									2.0	6.0
SE													
SSE													
S	2.0	1.3										3.3	2.8
SSW		.7	.7									1.3	5.5
SW	.7		.7									1.3	5.5
WSW	4.0	.7										4.7	2.9
W	1.3	4.0	2.7									8.0	5.1
WNW	.7	4.7		.7								6.0	5.6
NW	2.0	2.0	1.3	.7								6.0	5.4
NNW	.7	1.3	3.3									5.3	6.5
VARBL													
CALM												39.3	
	16.7	26.0	16.7	1.3								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.7	3.3	2.0								8.7	8.2
NNE	2.7	3.3	1.3	1.3								8.7	5.5
NE	1.3	4.0	3.3	.7								9.3	6.6
ENE	1.3	3.3	1.3	.7								6.7	5.8
E		2.0	.7									2.7	5.8
ESE	.7	.7		.7								2.0	7.0
SE													
SSE	.7	.7	.7									2.0	5.0
S	1.3	.7										2.0	2.7
SSW	.7	1.3	2.7									4.7	6.4
SW	1.3	2.0	1.3									4.7	5.0
WSW	.7	2.0	2.7									5.3	6.5
W	.7	4.0	2.0	2.0								8.7	7.2
WNW	1.3	.7	.7									2.7	4.8
NW	2.0		4.0	1.3	.7							8.0	8.7
NNW	2.7	2.0	4.7	1.3								10.7	6.7
VARBL													
CALM												13.3	
	18.0	29.3	28.7	10.0	.7							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

13
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.0	4.7									8.0	6.3
NNE	2.0	2.7	3.3	.7								8.7	6.3
NE	2.0	4.0	2.0									8.0	5.1
ENE	.7	3.3	2.0	2.0								8.0	7.5
E		1.3	2.0									3.3	6.6
ESE													
SE	.7	.7	.7									2.0	5.0
SSE	.7	.7	.7	.7								2.7	6.3
S	1.3	2.0	2.0									5.3	5.5
SSW	2.0	2.0	4.7									8.7	6.2
SW	.7	.7	3.3	.7								5.3	7.8
WSW	1.3	4.7	2.0	.7								8.7	5.8
W	1.3	2.0	3.3									6.7	6.1
WNW		2.7	1.3	2.0								6.0	8.8
NW	.7	.7	3.3	.7								4.7	8.3
NNW		2.0	3.3	2.7								8.7	7.8
VARB													
CALM												5.3	
	14.7	31.3	36.7	10.0								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.7	2.0	.7								6.7	5.8
NNE	.7	1.3	2.0	.7								4.7	7.4
NE	1.3	3.3	1.3									6.0	5.1
ENE	3.3	4.7	3.3	.7								12.0	6.1
E	2.7	3.3	.7									6.7	4.1
ESE	.7											.7	2.0
SE													
SSE		3.3										3.3	5.0
S	2.0	3.3	1.3									6.7	4.5
SSW	2.7	4.7	4.7	.7								12.7	6.1
SW	.7	2.7	5.3	.7								9.3	7.3
WSW		3.3	1.3									4.7	5.7
W		2.7	1.3									4.0	6.5
WNW			1.3	.7	.7							2.7	11.0
NW	.7	1.3	3.3	.7								6.0	7.7
NNW	.7	1.3	4.7	1.3								8.0	7.8
VARBL													
CALM												6.0	
	16.7	38.0	32.7	6.0	.7							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 73

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	2.0	2.7									5.3	6.8
NNE	.7	.7										1.3	3.5
NE	1.3	.7	1.3									3.3	5.2
ENE		2.7	.7	.7								4.0	7.2
E	2.0	1.3	.7									4.0	3.8
ESE	4.0											4.0	2.2
SE	2.0											2.0	1.7
SSE	.7	.7										1.3	3.0
S	3.3	.7										4.0	2.8
SSW	2.7	2.0	.7									5.3	3.8
SW	2.7	.7	4.7		.7							8.7	6.8
WSW	4.0	2.7										6.7	3.1
W		2.0	.7									2.7	5.3
WNW	1.3	1.3	.7									3.3	4.0
NW		.7	2.0									2.7	7.5
NNW		1.3	.7		.7							2.7	9.0
VARBL													
CALM												38.7	
	25.3	19.3	14.7	.7	1.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	4.7	1.3								6.7	9.5
NNE	.7	2.7	.7									4.0	4.8
NE	2.0	2.0										4.0	3.8
ENE	.7	3.3	2.0									6.0	5.7
E	2.0											2.0	2.3
ESE	.7	.7										1.3	3.5
SE	.7											.7	3.0
SSE	.7											.7	2.0
S	1.3	.7										2.0	2.7
SSW	1.3	2.0	.7									4.0	4.7
SW	.7	1.3	2.0									4.0	6.2
WSW	2.0	5.3										7.3	3.8
W		2.0	2.7	.7								5.3	7.5
WNW			.7									.7	9.0
NW	2.7	1.3	.7									4.7	4.4
NNW	.7	1.3	2.0									4.0	6.5
VARBL													
CALM												42.7	
	16.0	23.3	16.0	2.0								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHEERY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

NOV
MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	3.4	.8								6.9	7.5
NNE	1.0	2.7	1.2	.3								5.3	5.8
NE	1.7	3.2	1.4	.1								6.4	5.1
ENE	1.0	2.4	1.4	.5								5.3	6.2
E	1.2	1.2	.5									2.8	4.4
ESE	.8	.2	.2	.1								1.2	4.1
SE	.5	.2	.1									.7	3.1
SSE	.4	.7	.2	.1								1.3	4.7
S	1.3	1.2	.5									3.7	3.8
SSW	1.2	1.7	1.8	.1								4.9	5.6
SW	1.3	1.2	2.2	.4	.1							5.2	6.6
WSW	2.2	2.6	.9	.2								5.8	4.6
W	.7	3.2	1.9	.3	.1							6.2	6.1
WNNW	.6	2.1	.7	.5	.1							4.0	6.5
NW	1.5	1.2	2.0	.4	.1							5.2	6.3
NNW	.9	1.3	2.6	.7	.1							5.6	7.0
VARB													
CALM												29.1	
	17.6	27.2	21.2	4.5	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.6	1.3	.6								5.8	6.4
NNE	1.3	.6	1.9	.6								4.5	6.7
NE		3.2	1.9									5.2	6.0
ENE	.6	2.6	.6									3.9	5.2
E	.6											.6	3.0
ESE	.6				.6							1.3	10.0
SE		1.3										1.3	5.0
SSE	1.3	1.3										2.6	3.0
S		1.9	1.3	.6								3.9	7.7
SSW	1.3	1.9										3.2	3.6
SW		.6										.6	4.0
WSW	1.9	3.2	3.2	.6								9.0	6.8
W	1.9	9.0	1.9	1.3								14.2	5.5
WNW	1.9	1.9	1.3	.6								5.8	5.9
NW	.6	1.9										2.6	4.8
NNW	1.3	1.9	1.9	1.9								7.1	7.8
VARBL													
CALM												28.4	
	14.8	34.2	15.5	6.5	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9	1.9	.6	.6							6.5	7.5
NNE		3.9	2.6									6.5	6.3
NE	1.9	3.9	.6									6.5	4.3
ENE	.6	1.3										1.9	4.3
E	.6	.6										1.3	4.5
ESE													
SE		.6										.6	5.0
SSE			.6	.6								1.3	13.0
S	.6		.6	1.3								2.6	9.5
SSW	1.9	.6	1.3									3.9	4.3
SW	1.9		1.9	.6								4.3	6.3
WSW	3.2	1.3	1.3	.6								6.5	5.4
W	.6	2.6	2.6									5.8	6.2
WNW	1.9	2.6	.6									5.2	4.8
NW	.6	4.3	1.3									6.5	5.7
NNW	2.6	3.2	1.3	.6								7.7	5.5
VARBL													
CALM												32.9	
	18.1	27.1	16.8	4.5	.6							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

155

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	1.9									7.1	4.6
NNE	1.9	2.6	1.9									6.5	5.1
NE	1.9	3.2	1.3	.6								7.1	5.9
ENE	.6	.6										1.3	3.5
E	1.3	.6	.6									2.6	4.3
ESE			.6									.6	7.0
SE	.6											.6	2.0
SSE	1.3	1.3	.6									3.2	4.4
S	1.3			1.3								2.6	8.5
SSW		2.6	1.3	.6								4.3	6.9
SW	.6	1.3	1.3									3.2	6.6
WSW	.6	1.9	2.6	.6	.6							6.5	8.2
W	3.2	1.9	3.2	.6								9.0	5.9
WNW	.6	4.3	1.3									6.5	5.7
NW	1.9	1.3	1.3									4.3	4.6
NNW	.6	4.3	.6	.6								6.5	6.0
VARBL													
CALM												27.7	
	19.4	29.0	18.7	4.5	.6							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	7.1	6.5	.6								15.5	6.4
NNE	1.3	2.6	1.9	.6								6.5	6.7
NE	1.3	.6	4.5									6.5	6.6
ENE	.6	4.5	3.9									9.0	6.1
E		.6	2.6									3.2	8.0
ESE													
SE		1.3										1.3	4.0
SSE		.6										.6	5.0
S	1.9	1.3	.6									3.9	4.0
SSW	1.9	1.3	1.3									4.5	5.0
SW	.6	1.9	1.9									4.5	6.3
WSW		4.5	3.2		.6							8.4	7.2
W	1.9	5.8	3.9	.6	.6							12.9	7.1
WNW		.6	.6	1.9								3.2	10.2
NW	.6	1.3	3.2									5.2	7.1
NNW	1.9	.6	2.6	.6								5.8	7.2
VARBL													
CALM												9.0	
	13.5	34.8	36.8	4.5	1.3							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

DEC
NORTH

ALL WEATHER
CLASS

13
HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	5.8									8.4	7.1
NNE	.6	1.3	1.3									3.2	6.6
NE	.6	4.5	2.6			.6						8.4	6.9
ENE	1.3	1.9	2.6	1.3								7.7	6.8
E	.6	1.3	1.9	.6								4.5	7.0
ESE	.6	1.9										2.6	4.0
SE			1.3									1.3	9.0
SSE		1.3										1.3	6.0
S		1.3	1.3		.6							3.2	9.2
SSW	.6	1.9	2.6	.6								5.8	7.0
SW	1.3	3.2	.6									5.2	5.0
WSW		3.2	4.5	.6								8.4	7.4
W	1.3	4.5	7.1	1.3								14.2	7.4
WNW		1.3	3.2	1.9								6.5	9.4
NW	1.3	.6	3.2	.6								5.8	7.2
NNW	1.3	2.6	3.2	.6								7.7	6.3
VARBL													
CALM												5.8	
	11.0	32.9	41.3	7.7	.6	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	3.2									5.8	7.0
NNE		1.9	1.3									3.2	6.6
NE	3.2	1.3	.6	.6								6.5	4.7
ENE	.6	2.6	3.2	.6								7.1	6.7
E	.6	3.9	3.9	.6								9.0	6.7
ESE			.6									.6	8.0
SE		1.3	.6									1.9	5.7
SSE		.6	.6									1.3	6.0
S		1.3	1.9	.6								3.9	8.2
SSW	1.9	1.3	1.3									4.5	4.1
SW		2.6	4.5	.6								7.7	7.6
WSW		3.2	3.9	1.3								8.4	7.6
W		5.2	5.2	1.9								12.3	8.2
WNW	.6	1.9	2.6	.6								5.8	7.2
NW	1.3	4.5	.6	.6								7.1	6.0
NNW	.6	3.9	2.6	.6								7.7	6.7
VARBL													
CALM												7.1	
	9.7	38.1	36.8	8.4								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2		1.3								5.8	5.6
NNE	2.6	.6										3.2	3.0
NE		1.3	.6	1.9	.6							4.5	10.4
ENE		1.3	.6									1.9	6.7
E	1.3	1.3	1.9		.6							5.2	7.4
ESE		.6										.6	4.0
SE		.6	.6									1.3	6.0
SSE		1.3										1.3	4.5
S	.6	.6	.6									1.9	5.0
SSW	1.3	3.9		.6								5.8	5.2
SW	3.2	3.2	.6	.6								7.7	4.5
WSW	1.9	5.2	1.9	1.3								10.3	5.8
W	.6	5.2	2.6	.6								9.0	6.0
WNW	1.3	1.3	.6									3.2	4.6
NW	1.9	.6	1.3	.6								4.5	6.0
NNW	1.3	1.3	1.9									4.5	6.3
VARBL													
CALM												29.0	
	17.4	31.6	13.5	7.1	1.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	1.9	1.3								7.7	6.5
NNE	1.3	.6	1.3									3.2	4.6
NE	1.9	1.3	1.3	.6								5.2	5.5
ENE	.6	.6	1.3									1.9	7.3
E	.6	1.9	2.6									5.2	6.1
ESE	.6											.6	2.0
SE	1.3											1.3	2.5
SSE		1.9										1.9	5.3
S		1.3	.6									1.9	6.3
SSW	2.6	1.3		.6								4.5	4.6
SW	1.3	1.9	.6	1.9								5.8	7.4
WSW	1.9	1.3	2.6									5.8	6.0
W	.6	5.8	2.6	.6								9.7	6.3
WNW	1.3	1.9	1.3	.6								5.2	5.9
NW	.6	.6	1.3	1.3								3.9	8.7
NNW	2.6	1.9	.6									5.2	4.6
VARBL													
CALM												31.0	
	18.1	25.8	18.1	7.1								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	2.8	.6	.1							7.8	6.4
NNE	1.1	1.8	1.5	.2								4.6	5.8
NE	1.4	2.5	1.7	.5	.1	.1						6.2	6.2
ENE	.8	1.9	1.5	.2								4.4	6.2
E	.7	1.3	1.7	.2	.1							4.0	6.5
ESE	.2	.3	.2		.1							.8	5.7
SE	.2	.6	.3									1.2	5.1
SSE	.3	1.0	.2	.1								1.7	5.4
S	.6	1.0	.9	.5	.1							3.0	7.3
SSW	1.5	1.9	1.0	.3								4.6	5.2
SW	1.1	1.9	1.5	.5								4.9	6.2
WSW	1.2	3.0	2.9	.6	.2							7.9	6.8
W	1.3	5.0	3.6	.9	.1							10.9	6.6
WNW	1.0	2.0	1.5	.7								5.2	6.7
NW	1.1	1.9	1.5	.4								5.0	6.3
NNW	1.5	2.5	1.9	.6								6.5	6.3
VARBL													
CALM												21.4	
	15.2	31.7	24.7	6.3	.6	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	2.2	.7	.1	.0						6.6	6.9
NNE	1.3	2.7	2.0	.5	.0							6.4	6.1
NE	.9	2.2	1.9	.3	.0	.0						5.1	6.0
ENE	.9	2.1	1.7	.4	.0							5.1	6.4
E	1.2	1.6	1.2	.1	.0							4.2	5.4
ESE	.6	.7	.3	.0	.0							1.6	4.5
SE	.5	.4	.3	.0	.0							1.3	5.0
SSE	.5	.3	.4	.1	.0							2.0	5.4
S	1.9	2.5	1.7	.3	.0							6.4	5.5
SSW	1.9	3.0	2.0	.6	.0	.0						7.5	5.9
SW	1.7	2.3	2.0	.5	.1	.0						6.6	6.1
WSW	1.4	2.7	2.1	.6	.1	.0						6.9	6.3
W	1.1	2.6	2.0	.5	.0							6.3	6.3
WNW	.5	1.2	.9	.3	.1							3.1	6.7
NW	.8	1.4	1.3	.3	.0							3.8	6.3
NNW	.7	1.3	1.3	.4	.0	.0						3.7	6.7
VARBL													
CALM												23.4	
	17.1	30.0	23.1	5.8	.5	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

14607

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

ALL
MONTH

STATION NAME

YEARS

INSTRUMENT

CLASS

ALL
HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.9	4.1	1.2	.1	.1						10.6	7.3
NNE	2.0	4.2	3.4	1.2	.1							10.9	6.7
NE	1.5	2.8	2.4	.3	.1	.1						7.1	6.2
ENE	1.1	2.2	1.8	.5								5.6	6.3
E	1.2	1.4	1.1	.4	.1							4.1	6.1
ESE	.8	1.0	.6	.1								2.5	5.3
SE	.2	.6	.7	.2								1.8	7.2
SSE	.4	.8	.5	.3								1.9	6.7
S	1.3	1.8	1.5	.8	.1							5.5	6.8
SSW	1.0	2.5	2.0	.9	.1							6.5	7.0
SW	1.1	1.6	1.5	.7	.1							5.0	6.6
WSW	.6	2.3	1.2	.9	.1							5.2	7.3
W	1.2	2.1	1.2	.4	.1							4.9	6.0
WNW	.3	1.2	.5	.2								2.2	6.1
NW	1.1	1.5	1.2	.3								4.1	6.0
NNW	.6	1.7	1.6	.3								4.2	6.5
VARBL													
CALM												18.0	
	15.5	31.6	25.2	8.7	.7	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1703

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than $6/10$ total sky cover and those cases where total sky cover is $6/10$ or more, but not more than $1/2$ of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 1800											
≥ 1500					91.0						92.6
≥ 1200											
≥ 1000											
≥ 900											
≥ 800											
≥ 700											
≥ 600											
≥ 500										97.4	98.1
≥ 400											
≥ 300											
≥ 200											
≥ 100											
0					95.4		96.9			98.3	100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
 Visibility ≥ 3 miles = 95.4%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		50.3	54.2	54.2	55.5	55.5	56.1	56.1	56.1	56.1	56.8	56.8	56.8
≥ 18000		54.2	58.1	58.1	59.4	60.0	60.7	60.7	60.7	60.7	61.3	61.3	61.3
≥ 16000		54.2	58.1	58.1	59.4	60.0	60.7	60.7	60.7	60.7	61.3	61.3	61.3
≥ 14000		54.2	58.1	58.1	59.4	60.0	60.7	60.7	60.7	60.7	61.3	61.3	61.3
≥ 12000		54.2	58.1	58.1	59.4	60.0	60.7	60.7	60.7	60.7	61.3	61.3	61.3
≥ 10000		54.8	58.7	58.7	60.0	60.7	61.3	61.3	61.3	61.3	61.9	61.9	61.9
≥ 9000		58.1	61.9	61.9	63.2	63.9	64.5	64.5	64.5	64.5	65.2	65.2	65.2
≥ 8000		58.1	61.9	61.9	63.2	63.9	64.5	64.5	64.5	64.5	65.2	65.2	65.2
≥ 7000		60.0	63.9	63.9	65.2	65.8	66.5	66.5	66.5	66.5	67.1	67.1	67.1
≥ 6000		60.0	63.9	64.5	65.8	66.5	67.1	67.1	67.1	67.1	68.4	68.4	68.4
≥ 5000		60.0	63.9	64.5	65.8	66.5	67.1	67.1	67.1	67.1	68.4	68.4	68.4
≥ 4500		60.7	64.5	65.3	67.1	67.7	68.4	68.4	68.4	69.0	69.7	69.7	69.7
≥ 4000		61.3	65.2	66.5	67.7	68.4	69.0	69.0	69.0	69.7	70.3	70.3	70.3
≥ 3500		62.6	67.1	68.4	69.7	70.3	71.0	71.0	71.0	71.6	72.3	72.3	72.3
≥ 3000		62.6	67.7	69.0	70.3	71.0	71.6	71.6	71.6	72.3	72.9	72.9	72.9
≥ 2500		63.9	70.3	71.6	72.9	73.6	74.2	74.2	74.2	74.8	75.5	75.5	75.5
≥ 2000		65.2	71.6	72.9	74.2	74.8	75.5	75.5	75.5	76.1	76.8	76.8	76.8
≥ 1800		65.2	72.9	74.2	75.5	76.1	76.8	76.8	76.8	77.4	78.1	78.1	78.1
≥ 1500		66.5	74.2	76.1	78.1	78.7	80.0	80.0	80.0	80.7	81.3	81.3	81.3
≥ 1200		66.5	74.2	77.4	79.4	80.0	81.3	81.3	81.3	81.9	82.6	82.6	82.6
≥ 1000		67.1	75.5	79.4	81.3	81.9	84.5	84.5	84.5	85.2	85.8	85.8	85.8
≥ 900		67.1	75.5	79.4	81.3	81.9	84.5	84.5	84.5	85.2	85.8	85.8	85.8
≥ 800		67.1	75.5	80.0	81.9	82.6	85.2	85.2	85.2	85.8	86.5	86.5	86.5
≥ 700		67.7	76.1	81.9	83.9	84.5	87.1	87.1	87.1	87.7	88.4	88.4	88.4
≥ 600		67.7	76.1	81.9	83.9	84.5	87.7	87.7	87.7	88.4	89.0	89.0	89.0
≥ 500		68.4	78.1	85.2	87.1	87.7	91.6	91.6	91.6	92.3	93.0	93.0	93.0
≥ 400		68.4	78.1	85.2	87.7	88.4	92.3	92.3	92.3	93.0	94.2	94.2	94.2
≥ 300		68.4	78.7	85.8	88.4	89.0	92.9	92.9	92.9	94.2	94.8	94.8	94.8
≥ 200		68.4	78.7	85.8	88.4	89.0	92.9	92.9	92.9	94.8	95.5	95.5	95.5
≥ 100		68.4	78.7	85.8	89.0	89.7	93.6	93.6	93.6	95.5	96.1	96.1	96.1
≥ 0		68.4	78.7	85.8	89.0	89.7	93.6	93.6	93.6	95.5	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

2691

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING													
≥ 20000	45.8	51.0	52.3	53.6	53.6	53.6	53.6	53.6	53.6	54.2	54.2	54.2	54.8
≥ 18000	48.4	54.2	55.5	56.8	56.8	56.8	56.8	56.8	56.8	57.4	57.4	57.4	58.1
≥ 16000	49.0	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.7
≥ 14000	49.0	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.7
≥ 12000	49.0	54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.7
≥ 10000	51.0	56.8	58.1	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7
≥ 9000	51.0	56.8	58.1	59.4	59.4	59.4	59.4	59.4	59.4	60.0	60.0	60.0	60.7
8000	54.8	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.9	63.9	63.9	64.5
7000	55.5	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	65.2
6000	55.5	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	65.2
5000	55.5	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	65.2
4500	55.5	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	64.5	64.5	64.5	65.2
4000	56.8	63.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	68.4
3500	56.8	63.2	65.8	67.1	67.1	67.1	67.1	67.1	67.1	67.7	67.7	67.7	68.4
3000	58.1	65.8	68.4	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	71.0
2500	58.7	66.5	69.0	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.6
2000	60.0	67.7	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.6
1800	60.0	67.7	71.0	72.3	72.3	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.6
1500	62.6	71.6	76.1	78.1	78.1	78.1	78.1	78.1	78.1	78.7	78.7	78.7	79.4
1200	62.6	71.6	76.8	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	80.0
1000	62.6	72.9	78.1	80.0	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	81.3
900	62.6	72.9	78.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.9
800	63.2	74.2	80.7	82.6	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.9
700	63.2	74.2	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	84.5
600	63.9	74.8	81.9	83.9	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	85.2
500	65.2	76.1	83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	86.5
400	65.8	77.4	84.5	86.5	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1	87.7
300	65.8	78.1	85.2	87.1	87.1	87.1	87.1	87.1	87.1	87.7	87.7	87.7	88.4
200	66.5	78.7	85.8	87.7	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	89.1
100	66.5	78.7	85.8	87.7	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	89.1
0	66.5	78.7	85.8	87.7	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	89.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

2689

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNP

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING												
≥ 20000		34.2	40.0	42.6	45.8	45.8	47.1	47.1	47.1	47.1	47.1	47.1
18000		37.4	43.9	46.5	49.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0
16000		37.4	43.9	46.5	49.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0
14000		37.4	43.9	46.5	49.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0
12000		37.4	43.9	46.5	49.7	49.7	51.0	51.0	51.0	51.0	51.0	51.0
10000		38.7	45.2	47.7	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3
9000		38.7	45.2	47.7	51.0	51.0	52.3	52.3	52.3	52.3	52.3	52.3
8000		43.2	50.3	52.9	56.1	56.1	57.4	57.4	57.4	57.4	57.4	57.4
7000		43.2	50.3	52.9	56.1	56.1	57.4	57.4	57.4	57.4	57.4	57.4
6000		43.2	50.3	52.9	56.1	56.1	57.4	57.4	57.4	57.4	57.4	57.4
5000		43.2	50.3	52.9	56.1	56.1	57.4	57.4	57.4	57.4	57.4	57.4
4500		43.9	51.0	54.2	57.4	57.4	58.7	58.7	58.7	58.7	58.7	58.7
4000		44.5	52.9	57.4	60.7	60.7	61.9	61.9	61.9	61.9	61.9	61.9
3500		46.5	54.8	59.4	62.6	62.6	63.9	63.9	63.9	63.9	63.9	63.9
3000		51.6	60.7	65.8	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3
2500		52.3	61.9	67.1	70.3	70.3	71.6	71.6	71.6	71.6	71.6	71.6
2000		52.9	62.6	68.4	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9
1800		52.9	62.6	68.4	71.6	71.6	72.9	72.9	72.9	72.9	72.9	72.9
1600		56.8	67.7	73.6	77.4	77.4	78.7	78.7	78.7	78.7	78.7	78.7
1400		57.4	68.4	74.2	78.1	78.1	79.4	79.4	79.4	79.4	79.4	79.4
1200		58.1	69.7	76.1	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9
1000		58.1	69.7	76.1	80.7	80.7	81.9	81.9	81.9	81.9	81.9	81.9
900		59.4	71.0	77.4	81.9	81.9	83.9	83.9	83.9	83.9	83.9	83.9
800		59.4	71.0	77.4	81.9	81.9	83.9	83.9	83.9	83.9	83.9	83.9
700		60.0	72.3	78.7	83.2	83.2	85.8	85.8	85.8	85.8	85.8	85.8
600		60.7	73.6	81.3	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1
500		60.7	73.6	81.3	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1
400		60.7	73.6	81.3	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1
300		60.7	74.2	82.6	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4
200		60.7	74.2	82.6	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4
100		60.7	74.2	82.6	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4
0		60.7	74.2	82.6	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (T.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		42.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000		48.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000		49.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000		49.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000		49.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000		49.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000		52.9	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000		52.9	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 8000		60.0	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000		60.0	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000		60.7	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000		61.3	65.2	65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500		61.9	65.8	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000		64.5	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500		64.5	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000		69.0	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500		69.7	74.2	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000		71.0	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800		71.0	76.8	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1500		72.9	80.0	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1200		72.9	80.0	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1000		73.6	81.3	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900		73.6	81.3	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9
≥ 800		74.2	81.9	83.2	83.9	83.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2
≥ 700		74.2	81.9	84.5	85.8	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600		76.1	84.5	88.4	91.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500		76.1	84.5	90.3	93.6	93.6	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400		76.1	84.5	91.0	94.8	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300		76.1	84.5	91.0	94.8	94.8	95.5	96.1	96.1	96.1	96.8	97.4	98.1
≥ 200		76.1	84.5	91.0	94.8	94.8	95.5	96.1	96.1	96.1	96.8	99.4	99.4
≥ 100		76.1	84.5	91.0	94.8	94.8	95.5	96.1	96.1	96.1	96.8	99.4	99.4
0		76.1	84.5	91.0	94.8	94.8	95.5	96.1	96.1	96.1	96.8	99.4	99.4

155

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)13
HOURS (L.S.T.)

2687

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000		56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000		56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000		56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000		56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000		57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 7000		64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000		64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000		65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500		67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4000		68.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500		69.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000		73.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500		78.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000		78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800		78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500		78.1	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1200		80.0	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000		81.3	85.8	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4
≥ 900		81.3	85.8	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4
≥ 800		81.9	87.1	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7
≥ 700		82.6	88.4	90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 600		82.6	89.7	91.6	92.9	92.9	93.6	93.6	93.6	93.6	93.6
≥ 500		83.2	91.0	92.9	94.2	94.2	95.5	95.5	95.5	95.5	95.5
≥ 400		83.9	91.6	93.6	95.5	95.5	96.8	97.4	97.4	97.4	97.4
≥ 300		83.9	91.6	93.6	95.5	95.5	96.8	97.4	97.4	97.4	97.4
≥ 200		83.9	91.6	93.6	95.5	95.5	96.8	98.1	98.7	98.7	98.7
≥ 100		83.9	91.6	93.6	95.5	95.5	96.8	98.1	98.7	98.7	98.7
0		83.9	91.6	93.6	95.5	95.5	96.8	98.1	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

1234-18766

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 14000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000		67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000		68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000		69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500		69.7	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000		70.3	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500		72.3	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000		74.8	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2500		76.8	77.4	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000		78.1	79.4	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800		78.1	79.4	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1500		78.7	81.3	81.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5
≥ 1200		78.7	81.9	82.6	85.2	85.2	85.2	85.2	85.8	85.8	85.8
≥ 1000		80.0	83.9	85.2	87.7	87.7	87.7	87.7	89.0	89.0	89.0
≥ 900		80.7	84.5	85.8	88.4	88.4	88.4	88.4	89.7	89.7	89.7
≥ 800		81.9	86.5	88.4	91.0	91.0	91.0	91.0	92.3	92.3	92.3
≥ 700		81.9	86.5	88.4	91.0	91.0	91.0	91.0	92.3	92.3	92.3
≥ 600		81.9	86.5	88.4	91.6	91.6	92.3	92.3	93.6	93.6	93.6
≥ 500		82.6	87.1	89.0	92.9	92.9	93.6	93.6	95.5	95.5	95.5
≥ 400		82.6	87.1	89.0	92.9	93.6	94.2	94.2	96.1	96.1	96.1
≥ 300		82.6	87.1	89.0	92.9	93.6	94.8	95.5	96.1	96.1	96.1
≥ 200		82.6	88.4	90.3	94.2	94.8	96.1	96.8	98.1	98.1	98.1
≥ 100		82.6	88.4	90.3	94.2	94.8	96.1	96.8	99.4	99.4	99.4
0		82.6	88.4	90.3	94.2	94.8	96.1	96.8	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)19
HOURS (L.S.T.)

2685

MMMD

5703 CEILING VERSUS VISIBILITY JAN 68

MMP

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING													
≥ 20000		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3500		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2500		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1800		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1500		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 900		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 800		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 700		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 600		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 500		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 400		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 300		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 200		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 100		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
0		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
AI 20000		52.3	54.2	54.8	56.8	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1
AI 18000		57.4	59.4	60.0	61.9	61.9	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2
AI 16000		57.4	59.4	60.0	61.9	61.9	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2
AI 14000		57.4	59.4	60.0	61.9	61.9	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2
AI 12000		57.4	59.4	60.0	61.9	61.9	62.6	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2
AI 10000		58.1	60.0	60.7	62.6	62.6	63.2	63.2	63.2	63.2	63.9	63.9	63.9	63.9	63.9
AI 9000		60.0	61.9	62.6	64.5	64.5	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8
AI 8000		60.0	61.9	62.6	64.5	64.5	65.2	65.2	65.2	65.2	65.8	65.8	65.8	65.8	65.8
AI 7000		62.6	64.5	65.2	67.1	67.1	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
AI 6000		65.2	67.1	67.7	69.7	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0
AI 5000		65.2	67.1	67.7	69.7	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0
AI 4500		65.2	67.1	67.7	69.7	69.7	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0
AI 4000		66.5	69.0	70.3	72.3	72.3	72.9	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6
AI 3500		67.1	69.7	71.0	72.9	72.9	73.6	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2
AI 3000		67.7	71.0	72.3	74.2	74.2	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5
AI 2500		69.7	72.9	75.5	77.4	77.4	78.1	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7
AI 2000		70.3	74.8	78.1	80.0	80.0	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
AI 1800		70.3	74.8	78.1	80.0	80.0	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
AI 1500		72.3	76.8	80.7	82.6	82.6	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5
AI 1200		73.6	78.1	81.9	83.9	83.9	85.8	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5
AI 1000		75.5	80.0	84.5	86.5	86.5	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7
AI 900		75.5	80.0	84.5	86.5	86.5	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7
AI 800		75.5	80.0	84.5	86.5	86.5	89.0	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7
AI 700		75.5	80.0	85.2	87.1	87.1	89.7	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3
AI 600		75.5	80.0	85.8	87.7	87.7	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0
AI 500		76.1	81.3	87.1	89.7	89.7	92.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9
AI 400		76.8	82.6	88.4	91.0	91.0	94.2	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8
AI 300		76.8	82.6	88.4	91.6	91.6	94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5
AI 200		77.4	83.2	89.7	92.9	92.9	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8
AI 100		77.4	83.2	89.7	92.9	92.9	96.1	96.1	96.1	96.1	97.4	97.4	97.4	97.4	97.4
AI 0		77.4	83.2	89.7	92.9	92.9	96.1	96.1	96.1	96.1	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754 STATION NAME CHERRY POINT, NORTH CAROLINA YEARS 73-77 JAN NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING		47.3	49.7	50.2	51.2	51.2	51.5	51.5	51.5	51.6	51.8	51.8
≥ 20000		52.3	55.0	55.0	56.6	56.6	56.9	56.9	56.9	57.0	57.2	57.2
≥ 18000		52.6	55.2	55.8	56.8	56.9	57.2	57.2	57.2	57.3	57.4	57.4
≥ 16000		52.6	55.2	55.8	56.8	56.9	57.2	57.2	57.2	57.3	57.4	57.4
≥ 14000		52.8	55.5	56.1	57.1	57.2	57.5	57.5	57.5	57.6	57.7	57.7
≥ 12000		53.3	56.0	56.5	57.6	57.7	58.0	58.0	58.0	58.1	58.2	58.2
≥ 10000		55.4	58.1	58.6	59.8	59.8	60.2	60.2	60.2	60.2	60.4	60.4
≥ 9000		55.4	58.1	58.6	59.8	59.8	60.2	60.2	60.2	60.2	60.4	60.4
≥ 8000		59.5	62.5	63.2	64.3	64.4	64.7	64.7	64.7	64.8	64.9	64.9
≥ 7000		60.4	63.4	64.1	65.2	65.3	65.7	65.7	65.7	65.8	66.0	66.0
≥ 6000		60.6	63.6	64.3	65.4	65.5	65.8	65.8	65.8	66.0	66.1	66.1
≥ 5000		60.9	64.0	65.0	66.1	66.2	66.5	66.5	66.5	66.7	66.9	66.9
≥ 4500		61.5	64.7	65.7	66.9	67.0	67.3	67.3	67.3	67.5	67.7	67.7
≥ 4000		63.0	66.8	68.1	69.3	69.4	69.7	69.7	69.7	69.8	70.0	70.0
≥ 3500		63.7	67.7	69.0	70.2	70.3	70.7	70.7	70.7	70.8	71.0	71.0
≥ 3000		66.3	70.8	72.2	73.5	73.6	73.9	73.9	73.9	74.0	74.2	74.2
≥ 2500		67.9	72.6	74.3	75.6	75.7	76.0	76.0	76.0	76.1	76.3	76.3
≥ 2000		68.9	74.1	76.1	77.5	77.6	77.9	77.9	77.9	78.2	78.3	78.3
≥ 1800		68.9	74.2	76.1	77.6	77.7	78.0	78.0	78.0	78.2	78.4	78.4
≥ 1500		70.7	76.8	79.2	81.0	81.1	81.7	81.8	81.8	82.0	82.2	82.2
≥ 1200		71.2	77.4	80.1	81.9	82.0	82.7	82.8	82.8	83.1	83.2	83.2
≥ 1000		72.2	79.1	82.3	84.2	84.4	85.6	85.7	85.7	86.1	86.2	86.2
≥ 900		72.3	79.3	82.5	84.4	84.6	85.8	85.9	85.9	86.3	86.5	86.5
≥ 800		73.1	80.3	83.8	85.7	85.9	87.3	87.3	87.3	87.7	87.9	87.9
≥ 700		73.2	80.6	84.7	86.7	86.9	88.4	88.4	88.4	88.8	89.0	89.0
≥ 600		73.6	81.3	85.7	88.0	88.3	89.8	89.9	89.9	90.3	90.5	90.5
≥ 500		74.3	82.4	87.3	90.0	90.4	92.1	92.5	92.5	93.2	93.4	93.4
≥ 400		74.5	83.0	88.1	91.0	91.5	93.5	94.0	94.0	94.8	95.1	95.1
≥ 300		74.5	83.3	88.4	91.4	91.9	94.0	94.9	94.9	95.7	96.2	96.2
≥ 200		74.7	83.6	88.8	91.8	92.3	94.4	95.7	95.8	96.8	97.5	97.5
≥ 100		74.7	83.6	88.8	91.9	92.3	94.5	95.8	95.9	96.9	97.6	97.6
0		74.7	83.6	88.8	91.9	92.3	94.5	95.8	95.9	96.9	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (C.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		62.4	65.3	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000		63.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
AI 18000		63.8	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
AI 16000		63.8	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
AI 14000		63.8	69.5	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
AI 12000		64.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
AI 10000		66.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 9000		66.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 8000		70.2	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
AI 7000		70.2	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
AI 6000		70.2	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
AI 5000		71.6	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 4500		71.6	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 4000		72.3	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
AI 3500		72.3	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
AI 3000		73.8	80.9	80.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
AI 2500		74.5	82.3	82.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
AI 2000		76.6	85.1	85.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 1800		77.3	85.8	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
AI 1500		78.0	87.2	87.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
AI 1200		78.7	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
AI 1000		78.7	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
AI 900		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 800		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 700		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 600		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 500		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 400		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 300		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 200		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 100		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
0		80.1	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1

TOTAL NUMBER OF OBSERVATIONS

141

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

CEILING VERSUS VISIBILITY

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

2681

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		57.5	62.4	63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000		60.3	65.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000		60.3	65.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 16000		60.3	65.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 14000		60.3	65.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000		60.3	65.3	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000		62.4	67.4	69.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000		62.4	67.4	69.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000		65.3	70.2	73.1	73.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 7000		65.3	70.2	73.1	73.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000		65.3	70.2	73.1	73.8	73.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000		66.0	70.9	73.8	74.5	74.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500		66.0	70.9	74.5	75.2	75.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000		66.7	72.3	75.9	76.6	76.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500		68.1	73.8	77.3	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000		70.2	75.9	80.9	81.6	81.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500		70.9	76.6	81.6	82.3	82.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000		72.3	78.0	83.7	84.4	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800		72.3	78.0	83.7	84.4	84.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500		75.2	81.6	87.2	87.9	87.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200		75.2	82.3	87.9	88.7	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000		78.0	85.1	90.8	91.5	91.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900		78.7	85.8	91.5	92.2	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800		78.7	85.8	91.5	92.2	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700		78.7	86.5	92.9	93.6	93.6	95.7	95.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5
≥ 600		78.7	86.5	92.9	93.6	93.6	95.7	95.7	95.7	95.7	96.5	96.5	96.5	96.5	96.5
≥ 500		78.7	86.5	92.9	93.6	93.6	97.2	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9
≥ 400		78.7	86.5	92.9	93.6	93.6	97.2	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9
≥ 300		78.7	86.5	92.9	93.6	93.6	97.2	97.2	97.2	97.2	97.9	97.9	97.9	97.9	97.9
≥ 200		78.7	86.5	92.9	93.6	93.6	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
≥ 100		78.7	86.5	92.9	93.6	93.6	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6
0		78.7	86.5	92.9	93.6	93.6	97.9	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000	44.7	53.2	57.5	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 18000	46.8	56.0	60.3	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	46.8	56.0	60.3	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 14000	46.8	56.0	60.3	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	47.5	56.7	61.0	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	48.9	58.9	64.5	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 9000	48.9	58.9	64.5	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	53.9	65.3	70.9	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 7000	53.9	65.3	70.9	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 6000	53.9	65.3	70.9	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	54.6	66.0	71.6	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	56.0	68.1	74.5	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	57.5	69.5	75.9	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	58.2	70.2	76.6	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	61.7	74.5	80.9	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	62.4	75.9	83.0	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	63.8	77.3	84.4	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	64.5	78.0	85.1	87.2	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	65.3	78.7	85.8	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200	66.0	79.4	86.5	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	66.0	79.4	87.2	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900	66.0	79.4	87.2	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 800	66.0	79.4	87.9	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	66.0	79.4	88.7	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	66.0	79.4	88.7	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	66.7	80.9	90.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 400	66.7	80.9	90.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	66.7	80.9	90.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	66.7	80.9	90.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	66.7	80.9	90.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
0	66.7	80.9	90.1	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		51.8	54.6	54.6	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000		57.5	61.7	61.7	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000		58.2	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8
≥ 14000		58.2	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000		58.2	62.4	62.4	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000		58.9	63.1	63.1	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5
≥ 9000		62.4	66.7	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000		62.4	65.7	66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000		64.5	70.9	70.9	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000		64.5	70.9	70.9	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000		65.3	71.6	71.6	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500		66.7	73.1	73.1	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4000		67.4	73.8	73.8	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500		68.8	75.2	75.2	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6
≥ 3000		68.8	75.9	75.9	76.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500		73.1	80.9	81.6	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000		73.8	83.0	83.7	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800		74.5	83.7	84.4	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500		74.5	83.7	84.4	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200		76.6	85.8	86.5	87.2	87.2	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1000		78.0	87.2	87.9	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900		78.7	87.9	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800		78.7	87.9	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700		78.7	87.9	88.7	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1
≥ 600		79.4	89.4	91.5	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500		79.4	89.4	91.5	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400		79.4	89.4	92.9	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300		79.4	89.4	92.9	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200		79.4	89.4	92.9	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100		79.4	89.4	92.9	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 0		79.4	89.4	92.9	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		58.9	59.6	59.6	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 20000		64.5	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000		64.5	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000		64.5	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000		65.3	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000		66.7	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000		68.8	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000		69.5	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000		70.2	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000		70.2	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 6000		71.6	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000		74.5	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500		74.5	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4000		75.9	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500		75.9	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000		78.0	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2500		80.9	83.0	83.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		81.6	83.7	83.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800		81.6	83.7	83.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1500		83.0	85.1	85.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1200		83.7	85.8	85.8	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000		85.1	87.2	87.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900		85.1	87.2	87.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800		85.1	87.9	87.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700		85.1	88.7	88.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600		85.1	88.7	88.7	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 500		86.5	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 400		86.5	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 300		86.5	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200		86.5	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 100		86.5	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
0		86.5	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.T.)

2677

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		51.1	51.8	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 18000		63.1	63.8	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000		63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000		63.8	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 12000		65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		65.3	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 9000		66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000		66.7	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 7000		69.5	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000		70.2	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000		70.2	70.9	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500		71.6	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000		73.1	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500		74.5	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000		79.4	80.9	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500		81.6	83.0	83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000		82.3	84.4	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800		82.3	84.4	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500		83.0	85.1	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200		83.0	85.1	85.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000		83.7	87.2	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 900		83.7	87.2	88.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800		83.7	87.9	89.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 700		84.4	88.7	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600		84.4	88.7	91.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 500		85.8	90.1	93.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400		85.8	90.1	93.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300		85.8	90.1	93.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 200		85.8	90.1	93.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 100		85.8	90.1	93.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
0		85.8	90.1	93.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTH19
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		60.3	62.4	62.4	62.4	62.4	63.1	63.1	63.1	63.1	63.1	63.1
18000		65.3	67.4	67.4	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1
16000		66.0	68.1	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8
14000		66.0	68.1	68.1	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8
12000		66.7	68.8	68.8	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5
10000		68.1	70.2	70.2	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9
9000		70.2	72.3	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1
8000		70.9	73.1	73.1	73.1	73.1	73.8	73.8	73.8	73.8	73.8	73.8
7000		73.8	75.9	75.9	75.9	75.9	76.6	76.6	76.6	76.6	76.6	76.6
6000		75.2	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
5000		75.2	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
4500		75.2	77.3	77.3	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0
4000		75.9	78.0	78.0	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4
3500		76.6	78.7	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1
3000		78.7	80.9	82.3	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0
2500		78.7	80.9	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7
2000		79.4	83.0	85.1	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8
1800		79.4	83.0	85.1	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8
1500		80.1	83.7	86.5	86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2
1200		81.6	85.1	87.9	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7
1000		82.3	85.8	88.7	88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4
900		83.0	86.5	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1
800		83.7	87.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5
700		83.7	87.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5
600		83.7	87.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5
500		84.4	88.7	92.9	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6
400		84.4	88.7	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3
300		84.4	88.7	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3
200		84.4	88.7	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0
100		84.4	88.7	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0
0		84.4	88.7	94.3	94.3	94.3	95.0	95.0	95.0	95.0	95.0	95.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (P.S.T.)

2675

MMHH

5703 CEILING VERSUS VISIBILITY JAN 68

MMHH

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		65.3	67.4	67.4	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1
18000		69.5	71.6	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3
16000		70.2	72.3	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1
14000		70.2	72.3	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1
12000		70.2	72.3	72.3	72.3	72.3	73.1	73.1	73.1	73.1	73.1	73.1
10000		72.3	74.5	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2
9000		72.3	74.5	74.5	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2
8000		74.5	76.6	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7
7000		74.5	76.6	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7
6000		74.5	77.3	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4
5000		75.2	78.0	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1
4500		75.9	78.7	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	80.9
4000		75.9	79.4	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6
3500		75.9	79.4	80.9	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6
3000		79.4	84.4	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
2500		79.4	84.4	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
2000		79.4	84.4	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
1800		79.4	84.4	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5
1500		80.9	87.2	89.4	89.4	89.4	90.1	90.1	90.1	90.1	90.1	90.1
1200		81.6	87.9	90.1	90.1	90.1	90.8	90.8	90.8	90.8	90.8	90.8
1000		82.3	88.7	90.8	90.8	90.8	92.2	92.2	92.2	92.2	92.2	92.2
900		82.3	89.4	91.5	91.5	91.5	92.9	92.9	92.9	92.9	92.9	92.9
800		83.0	90.1	92.2	92.2	92.2	93.6	93.6	93.6	93.6	93.6	93.6
700		83.0	90.8	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
600		83.0	90.8	92.9	92.9	92.9	94.3	94.3	94.3	94.3	94.3	94.3
500		83.7	91.5	93.6	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.0
400		83.7	92.2	94.3	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7
300		83.7	92.2	94.3	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7
200		83.7	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5
100		83.7	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5
0		83.7	92.2	94.3	94.3	94.3	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (24 HRS.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		56.5	59.6	60.3	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000		61.4	65.1	65.8	66.5	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000		61.7	65.5	66.2	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000		61.7	65.5	66.2	66.9	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000		62.1	65.9	66.6	67.3	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000		62.7	66.5	67.2	67.9	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000		64.7	68.6	69.6	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000		64.9	68.8	69.8	70.5	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000		67.7	72.1	73.3	74.0	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000		68.0	72.3	73.6	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000		68.3	72.7	73.9	74.7	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 5000		69.2	73.7	74.9	75.6	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4500		69.8	74.3	75.7	76.4	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000		70.7	75.5	77.0	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500		71.3	76.2	77.7	78.4	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3000		74.3	79.7	81.7	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500		75.3	81.1	83.2	84.1	84.2	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000		76.2	82.5	84.7	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800		76.4	82.6	84.8	85.7	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500		77.8	84.3	86.9	87.9	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1200		78.4	85.0	87.6	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000		79.3	86.2	88.9	90.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900		79.5	86.4	89.2	90.4	90.6	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 800		79.9	87.0	89.9	91.1	91.3	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 700		80.0	87.3	90.4	91.7	91.9	92.7	92.7	92.7	92.7	93.1	93.2	93.3	93.5
≥ 600		80.1	87.5	91.0	92.2	92.5	93.3	93.4	93.4	93.4	93.7	93.8	93.9	94.2
≥ 500		80.7	88.5	92.2	93.8	94.2	95.3	95.4	95.5	95.5	96.0	96.2	96.5	96.8
≥ 400		80.7	88.6	92.6	94.2	94.6	95.8	96.0	96.1	96.1	96.6	96.8	97.2	97.4
≥ 300		80.7	88.6	92.6	94.2	94.7	96.0	96.4	96.5	96.5	97.1	97.3	97.7	98.0
≥ 200		80.7	88.6	92.7	94.3	95.0	96.6	97.0	97.1	97.2	98.0	98.3	98.8	99.1
≥ 100		80.7	88.6	92.7	94.4	95.0	96.7	97.1	97.2	97.3	98.1	98.6	99.0	99.8
0		80.7	88.6	92.7	94.4	95.0	96.7	97.1	97.2	97.3	98.2	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

1128

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
NORTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (P.M.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING													≥ 0
≥ 20000		53.6	56.1	57.4	57.4	57.4	58.1	58.1	58.1	58.7	58.7	58.7	58.7
≥ 18000		57.4	60.0	61.3	61.3	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 16000		57.4	60.0	61.3	61.3	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 14000		57.4	60.0	61.3	61.3	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.2
≥ 12000		59.4	61.9	63.2	63.2	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.2
≥ 10000		61.9	65.2	66.5	67.1	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4
≥ 9000		61.9	65.2	66.5	67.1	67.1	67.7	67.7	68.4	68.4	68.4	68.4	68.4
8000		63.9	67.7	69.7	71.0	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3
7000		63.9	67.7	69.7	71.0	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3
6000		63.9	67.7	69.7	71.0	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3
5000		63.9	68.4	70.3	71.6	71.6	72.3	72.3	72.9	72.9	72.9	72.9	72.9
4500		65.2	69.7	71.6	72.9	72.9	73.6	73.6	74.2	74.2	74.2	74.2	74.2
4000		66.5	71.0	72.9	74.2	74.2	74.8	74.8	75.5	75.5	75.5	75.5	75.5
3500		67.1	72.3	74.2	75.5	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8
3000		69.7	75.5	77.4	78.7	78.7	79.4	79.4	80.0	80.0	80.0	80.0	80.0
2500		70.3	77.4	79.4	80.7	80.7	81.3	81.3	81.9	81.9	81.9	81.9	81.9
2000		72.3	80.0	81.9	83.2	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5
1800		72.3	80.0	81.9	83.2	83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5
1500		73.6	81.3	83.2	84.5	84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8
1200		74.2	82.6	84.5	85.8	85.8	86.5	86.5	87.1	87.1	87.1	87.1	87.1
1000		74.8	83.9	85.8	87.1	87.1	87.7	87.7	88.4	88.4	88.4	88.4	88.4
900		74.8	84.5	87.1	88.4	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7
800		74.8	84.5	87.1	89.0	89.0	89.7	89.7	90.3	90.3	90.3	90.3	90.3
700		74.8	84.5	87.7	89.7	89.7	90.3	90.3	91.0	91.0	91.0	91.0	91.0
600		76.1	85.8	89.0	91.0	91.0	91.6	91.6	92.3	92.3	92.3	92.3	92.3
500		76.1	86.5	89.7	92.9	92.9	93.6	93.6	94.2	94.2	94.2	94.2	94.2
400		76.1	86.5	89.7	92.9	92.9	94.2	94.2	95.5	95.5	95.5	95.5	95.5
300		76.1	86.5	89.7	92.9	92.9	94.8	94.8	96.1	96.1	96.8	96.8	96.8
200		76.1	86.5	89.7	93.6	93.6	95.5	95.5	96.8	96.8	97.4	97.4	97.4
100		76.1	86.5	89.7	93.6	93.6	95.5	95.5	96.8	96.8	98.1	98.1	98.1
0		76.1	86.5	89.7	93.6	93.6	95.5	95.5	96.8	96.8	98.1	98.1	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		46.5	49.7	51.6	52.9	52.9	54.2	54.8	54.8	54.8	54.8	54.8	54.8
18000		51.6	56.1	58.1	59.4	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3
16000		51.6	56.1	58.1	59.4	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3
14000		51.6	56.1	58.1	59.4	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3
12000		51.6	56.1	58.1	59.4	59.4	60.7	61.3	61.3	61.3	61.3	61.3	61.3
10000		53.6	58.7	61.3	62.6	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5
9000		53.6	58.7	61.3	62.6	62.6	63.9	64.5	64.5	64.5	64.5	64.5	64.5
8000		56.1	62.6	65.2	66.5	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4
7000		56.1	62.6	65.2	66.5	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4
6000		56.1	62.6	65.2	66.5	66.5	67.7	68.4	68.4	68.4	68.4	68.4	68.4
5000		56.1	63.2	66.5	67.7	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7
4500		57.4	64.5	67.7	69.0	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0
4000		60.0	68.4	71.6	72.9	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8
3500		60.7	69.0	72.3	73.6	73.6	74.8	75.5	75.5	75.5	75.5	75.5	75.5
3000		62.6	71.0	74.2	75.5	75.5	76.8	77.4	77.4	77.4	77.4	77.4	77.4
2500		63.2	71.6	74.8	76.1	76.8	78.1	78.7	78.7	78.7	78.7	78.7	78.7
2000		63.2	72.9	76.8	78.1	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7
1800		63.9	74.2	78.1	79.4	80.0	81.3	81.9	81.9	81.9	81.9	81.9	81.9
1500		64.5	74.8	78.7	80.0	80.7	81.9	82.6	82.6	82.6	82.6	82.6	82.6
1200		65.2	76.1	80.7	81.9	82.6	83.9	84.5	84.5	84.5	84.5	84.5	84.5
1000		65.2	76.8	81.3	82.6	83.2	84.5	85.2	85.2	85.2	85.2	85.2	85.2
900		65.8	77.4	81.9	83.9	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5
800		66.5	78.1	83.2	85.8	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4
700		66.5	78.1	83.2	85.8	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4
600		66.5	78.7	84.5	87.7	88.4	89.7	91.0	91.0	91.0	91.0	91.0	91.0
500		66.5	78.7	84.5	88.4	89.7	91.0	92.3	92.3	92.3	92.3	92.3	92.3
400		66.5	79.4	85.2	89.0	90.3	91.6	92.9	92.9	92.9	92.9	92.9	92.9
300		66.5	79.4	86.5	90.3	91.6	92.9	94.2	94.2	94.2	94.2	94.2	94.2
200		66.5	79.4	86.5	90.3	91.6	92.9	94.2	94.2	94.2	94.2	94.2	94.2
100		66.5	79.4	86.5	90.3	91.6	92.9	94.2	94.2	94.2	94.2	94.2	94.2
0		66.5	79.4	86.5	90.3	91.6	92.9	94.2	94.2	94.2	94.2	94.2	94.2

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		36.8	44.5	45.2	46.5	46.5	47.1	47.1	47.1	47.7	47.7	47.7	47.7
18000		39.4	47.1	49.0	50.3	50.3	51.0	51.0	51.0	51.6	51.6	52.3	52.3
16000		39.4	47.1	49.0	50.3	50.3	51.0	51.0	51.0	51.6	51.6	52.3	52.3
14000		39.4	47.1	49.0	50.3	50.3	51.0	51.0	51.0	51.6	51.6	52.3	52.3
12000		40.7	48.4	50.3	51.6	51.6	52.3	52.3	52.3	52.9	52.9	53.6	53.6
10000		41.9	49.7	51.6	52.9	52.9	53.6	53.6	53.6	54.2	54.2	54.8	54.8
9000		46.5	54.2	56.1	57.4	57.4	58.1	58.1	58.1	58.7	58.7	59.4	59.4
8000		46.5	54.2	56.1	57.4	57.4	58.1	58.1	58.1	58.7	58.7	59.4	59.4
7000		49.7	58.7	60.7	61.9	61.9	62.6	62.6	62.6	63.2	63.2	63.9	63.9
6000		49.7	58.7	60.7	61.9	61.9	62.6	62.6	62.6	63.2	63.2	63.9	63.9
5000		49.7	58.7	60.7	61.9	61.9	62.6	62.6	62.6	63.2	63.2	63.9	63.9
4500		51.0	60.0	61.9	63.2	63.2	63.9	63.9	63.9	64.5	64.5	65.2	65.2
4000		51.0	60.0	61.9	63.2	63.2	63.9	63.9	63.9	64.5	64.5	65.2	65.2
3500		53.6	64.5	66.5	67.7	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7
3000		53.6	64.5	66.5	67.7	67.7	68.4	68.4	68.4	69.0	69.0	69.7	69.7
2500		55.5	68.4	70.3	71.6	71.6	72.3	72.3	72.3	72.9	72.9	73.6	73.6
2000		55.5	69.7	71.6	73.6	73.6	74.2	74.2	74.2	74.8	74.8	75.5	75.5
1800		55.5	70.3	72.9	75.5	75.5	76.1	76.1	76.1	76.8	76.8	77.4	77.4
1500		56.1	71.6	74.2	76.8	76.8	77.4	77.4	77.4	78.1	78.1	78.7	78.7
1200		56.1	71.6	74.2	76.8	76.8	77.4	77.4	77.4	78.1	78.1	78.7	78.7
1000		56.8	72.9	75.5	78.1	78.1	78.7	78.7	78.7	79.4	79.4	80.0	80.0
900		58.7	74.8	78.1	80.7	80.7	81.3	81.3	81.3	81.9	82.6	83.2	83.2
800		58.7	75.5	78.7	81.9	81.9	82.6	82.6	82.6	83.2	83.9	84.5	84.5
700		59.4	76.1	79.4	82.6	82.6	83.2	83.2	83.2	83.9	84.5	85.2	85.2
600		59.4	76.8	80.0	83.2	83.2	83.9	83.9	83.9	84.5	85.2	85.8	85.8
500		59.4	76.8	80.0	83.2	83.2	83.9	83.9	83.9	84.5	85.2	85.8	85.8
400		60.0	78.7	81.9	85.8	85.8	86.5	86.5	86.5	87.1	87.7	88.4	88.4
300		60.0	78.7	81.9	85.8	85.8	86.5	86.5	86.5	87.1	87.7	88.4	88.4
200		60.7	79.4	82.6	87.1	87.1	87.7	87.7	87.7	88.4	89.0	89.7	89.7
100		60.7	79.4	82.6	87.1	87.1	87.7	87.7	87.7	88.4	89.0	89.7	89.7
0		60.7	79.4	82.6	87.1	87.1	87.7	87.7	87.7	88.4	89.0	89.7	89.7

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 542

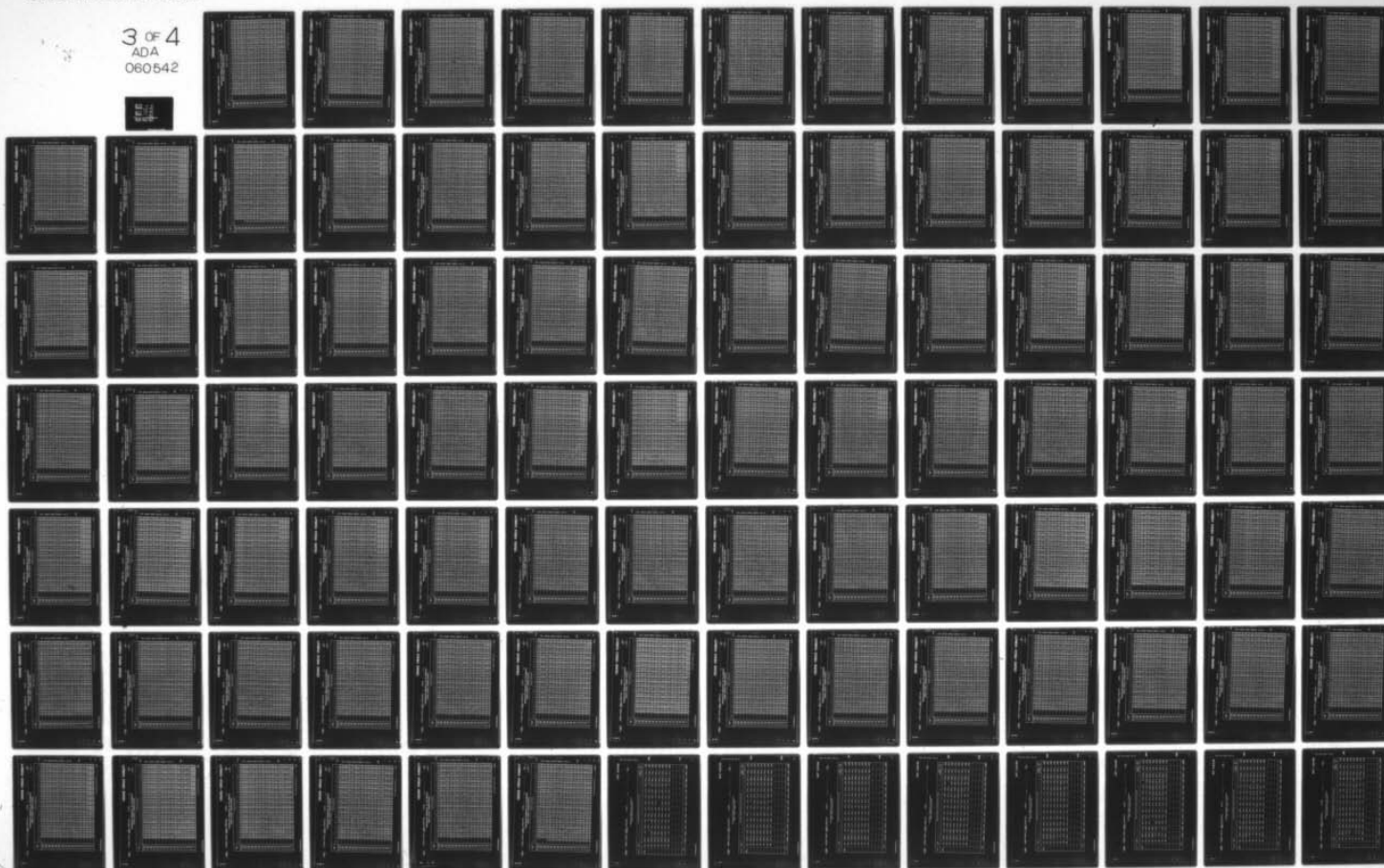
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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) CHERRY P--ETC(U)
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CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTH

10
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING												
≥ 20000	43.9	44.5	44.5	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	49.7	50.3	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 14000	50.3	51.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	51.0	51.6	51.6	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	55.5	56.1	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	56.1	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	59.4	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	60.7	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 6000	61.3	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 5000	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500	61.9	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3500	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 3000	68.4	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2000	72.9	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1800	72.9	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1500	76.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	78.1	80.7	81.3	81.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	80.7	83.2	84.5	84.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	81.9	84.5	85.8	85.8	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	83.2	86.5	87.7	87.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	83.2	86.5	87.7	87.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	83.9	87.1	88.4	88.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 500	85.2	88.4	91.0	91.0	93.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	85.2	88.4	91.6	91.6	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	85.2	88.4	92.3	92.3	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	85.2	88.4	92.3	92.3	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	85.2	88.4	92.3	92.3	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4
0	85.2	88.4	92.3	92.3	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)HOURS 12
(S. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000		53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000		65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4500		65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 4000		69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3500		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1600		82.6	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1400		83.9	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200		85.2	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000		86.5	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900		87.7	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800		88.4	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700		88.4	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0		89.7	94.2	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000		51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000		53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 10000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000		63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000		63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 6000		63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000		66.5	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
≥ 4500		66.5	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
≥ 4000		69.7	71.6	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9
≥ 3500		70.3	72.3	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6
≥ 3000		72.9	74.8	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8
≥ 2500		75.5	78.1	78.7	79.4	79.4	80.0	80.0	80.0	80.0	80.0
≥ 2000		77.4	80.7	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 1800		77.4	80.7	81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2
≥ 1500		81.9	87.1	88.4	89.7	89.7	90.3	90.3	90.3	90.3	90.3
≥ 1200		82.6	88.4	89.7	91.0	91.0	91.6	91.6	91.6	91.6	91.6
≥ 1000		83.9	89.7	91.0	92.3	92.3	92.9	92.9	92.9	92.9	92.9
≥ 900		83.9	90.3	91.6	92.9	92.9	93.6	93.6	93.6	93.6	93.6
≥ 800		85.2	91.6	92.9	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 700		85.2	91.6	92.9	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 600		85.2	91.6	92.9	94.8	94.8	95.5	95.5	95.5	95.5	95.5
≥ 500		85.2	92.3	94.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 400		85.2	92.3	94.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7
≥ 300		85.2	92.3	95.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 200		85.2	92.3	95.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4
≥ 100		85.2	92.3	95.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4
0		85.2	92.3	95.5	98.7	98.7	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13756
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

71077

YEARS

MAR
MONTHMAR
MONTH

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

19
HOURS (L.S.T.)

19
HOURS (L.S.T.)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		45.8	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000		52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000		52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000		52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000		52.9	54.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000		54.8	56.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000		58.7	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000		58.7	60.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000		64.5	66.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000		65.2	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000		65.2	67.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000		65.8	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500		65.8	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000		68.4	71.0	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500		69.0	71.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000		74.2	78.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3
≥ 2500		74.2	78.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.6	82.6	82.6	82.6	82.6
≥ 2000		75.5	80.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.5	84.5	84.5	84.5	84.5
≥ 1800		75.5	80.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	84.5	84.5	84.5	84.5	84.5
≥ 1500		78.7	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.7	87.7	87.7	87.7	87.7
≥ 1200		78.7	83.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.7	87.7	87.7	87.7	87.7
≥ 1000		79.4	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.4	88.4	88.4	88.4	88.4
≥ 900		79.4	83.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	88.4	88.4	88.4	88.4	88.4
≥ 800		81.3	85.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700		81.9	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	92.3	92.3	92.3	92.3	92.3
≥ 600		81.9	87.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.9	92.9	92.9	92.9	92.9
≥ 500		82.6	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	93.6	93.6	93.6	93.6	93.6
≥ 400		82.6	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	94.2	94.2	94.2	94.2	94.2
≥ 300		82.6	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	96.8	96.8	96.8	96.8	96.8
≥ 200		82.6	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	97.4	97.4	97.4	97.4	97.4
≥ 100		82.6	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	97.4	97.4	97.4	97.4	97.4
≥ 0		82.6	87.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13734
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		56.1	59.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000		59.4	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000		60.0	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000		60.0	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000		60.0	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000		60.7	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000		63.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000		63.2	66.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000		65.8	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000		65.8	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000		65.8	69.0	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4500		66.5	69.7	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4000		67.7	71.0	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500		69.0	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000		73.6	78.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500		73.6	80.0	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000		75.5	82.6	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800		75.5	82.6	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500		76.8	83.9	85.8	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200		77.4	84.5	86.5	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1000		78.1	86.5	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900		78.1	86.5	88.4	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800		78.1	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700		78.1	87.1	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600		78.7	89.0	91.0	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500		78.7	89.7	92.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 400		78.7	89.7	92.9	94.2	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300		78.7	89.7	92.9	94.8	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4
≥ 200		78.7	89.7	92.9	94.8	96.1	96.8	96.8	96.8	97.4	98.1	98.1	98.1
≥ 100		78.7	89.7	92.9	94.8	96.1	96.8	96.8	96.8	97.4	98.1	98.1	98.1
0		78.7	89.7	92.9	94.8	96.1	96.8	96.8	96.8	97.4	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754 STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 YEARS MONTH MAR MONTH ALL HOURS (EST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		46.6	49.0	49.3	50.2	50.2	50.5	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7
≥ 20000		51.6	54.1	55.1	55.6	55.6	55.9	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.2
≥ 18000		51.9	54.4	55.4	55.9	55.9	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000		51.9	54.4	55.4	55.9	55.9	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000		52.3	54.8	55.8	56.3	56.3	56.6	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000		53.3	55.8	56.9	57.3	57.3	57.7	57.7	57.7	57.9	57.9	58.0	58.0	58.0	58.0
≥ 10000		57.1	59.8	60.8	61.3	61.3	61.6	61.7	61.7	61.9	61.9	61.9	61.9	61.9	62.0
≥ 9000		57.2	59.9	61.0	61.5	61.5	61.8	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.2
≥ 8000		61.1	64.2	65.5	66.1	66.1	66.5	66.5	66.5	66.7	66.7	66.8	66.8	66.8	66.9
≥ 7000		61.2	64.5	65.8	66.5	66.5	66.8	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.2
≥ 6000		61.4	64.6	65.9	66.5	66.5	66.9	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.3
≥ 5000		62.1	65.5	66.9	67.5	67.5	67.9	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.3
≥ 4500		62.5	65.9	67.3	67.9	67.9	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7
≥ 4000		64.9	69.0	70.3	71.0	71.0	71.4	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.9
≥ 3500		65.5	69.8	71.2	71.9	71.9	72.3	72.3	72.3	72.5	72.6	72.7	72.7	72.7	72.7
≥ 3000		68.9	73.7	75.2	76.0	76.0	76.4	76.5	76.5	76.6	76.7	76.8	76.8	76.8	76.9
≥ 2500		69.8	75.3	76.9	77.7	77.8	78.2	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.7
≥ 2000		71.5	77.5	79.4	80.2	80.2	80.9	81.0	81.0	81.1	81.2	81.3	81.3	81.3	81.4
≥ 1800		71.5	77.7	79.5	80.4	80.4	81.1	81.1	81.1	81.3	81.4	81.5	81.5	81.5	81.5
≥ 1500		73.7	80.6	82.6	83.6	83.6	84.2	84.3	84.3	84.4	84.5	84.6	84.6	84.6	84.7
≥ 1200		74.5	81.7	83.8	84.9	85.2	85.7	85.7	85.7	85.9	86.0	86.1	86.1	86.1	86.1
≥ 1000		75.7	83.3	85.7	86.8	87.1	87.6	87.7	87.7	87.8	88.0	88.1	88.1	88.1	88.2
≥ 900		76.1	84.0	86.4	87.6	87.9	88.4	88.6	88.6	88.7	88.9	89.0	89.0	89.0	89.0
≥ 800		76.8	85.0	87.5	88.9	89.2	89.8	89.9	89.9	90.1	90.2	90.3	90.3	90.3	90.4
≥ 700		77.2	85.5	88.2	89.8	90.2	90.7	90.9	90.9	91.1	91.2	91.3	91.3	91.3	91.4
≥ 600		77.5	86.1	88.9	90.7	91.0	91.5	91.7	91.7	91.9	92.1	92.2	92.2	92.2	92.3
≥ 500		78.0	87.0	90.3	92.7	93.2	93.9	94.3	94.3	94.5	94.8	94.8	94.8	94.8	94.9
≥ 400		78.0	87.0	90.5	93.1	93.8	94.7	95.1	95.1	95.5	95.8	95.9	95.9	96.0	96.1
≥ 300		78.1	87.2	90.8	93.6	94.3	95.3	95.8	95.8	96.3	96.9	97.0	97.1	97.2	97.3
≥ 200		78.1	87.2	91.0	93.8	94.6	95.7	96.4	96.4	97.1	97.7	97.8	97.9	98.0	98.6
≥ 100		78.1	87.2	91.0	93.8	94.6	95.7	96.4	96.4	97.1	97.9	98.0	98.2	98.3	99.0
0		78.1	87.2	91.0	93.8	94.6	95.7	96.4	96.4	97.1	97.9	98.0	98.2	98.3	99.0

TOTAL NUMBER OF OBSERVATIONS 1240

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

APR
MONTH

01
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		65.3	68.7	70.0	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000		71.3	75.3	76.7	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000		71.3	75.3	76.7	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000		71.3	75.3	76.7	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000		71.3	75.3	76.7	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000		72.0	76.0	77.3	78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000		74.0	78.0	79.3	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		74.0	78.0	79.3	80.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000		76.7	80.7	82.0	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000		76.7	80.7	82.0	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000		76.7	80.7	82.0	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000		76.7	81.3	82.7	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500		76.7	81.3	82.7	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000		79.3	84.7	86.0	86.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3500		79.3	85.3	87.3	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000		80.7	86.7	88.7	89.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500		81.3	88.0	90.0	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000		82.7	89.3	92.0	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800		82.7	89.3	92.0	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500		83.3	90.0	92.7	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200		83.3	90.7	93.3	94.0	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000		84.7	92.0	94.7	95.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900		84.7	92.7	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800		84.7	92.7	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700		84.7	92.7	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600		84.7	93.3	96.0	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500		84.7	94.0	96.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		84.7	94.0	96.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300		84.7	94.0	96.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		84.7	94.0	96.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		84.7	94.0	96.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0		84.7	94.0	96.7	97.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

APR
MONTH04
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		61.3	64.7	68.0	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0
≥ 20000		64.0	68.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.7
18000		64.0	68.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.7
16000		64.0	68.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.7
14000		64.0	68.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.7
12000		64.0	68.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.7
10000	.7	67.3	72.0	76.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0
≥ 9000	.7	67.3	72.0	76.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0
8000	.7	70.7	75.3	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0
7000	.7	70.7	75.3	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0
6000	.7	70.7	75.3	80.0	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	82.0
5000	.7	72.0	76.7	81.3	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3
4500	.7	72.0	76.7	81.3	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.3
4000	.7	73.3	78.0	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3
3500	.7	73.3	78.0	83.3	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3
3000	.7	74.0	79.3	85.3	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3
2500	.7	74.0	79.3	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3
2000	.7	74.0	80.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1800	.7	74.0	80.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1500	.7	74.7	80.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.7
1200	.7	74.7	80.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
1000	.7	76.0	82.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
900	.7	76.7	83.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3
800	.7	76.7	83.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3
700	.7	76.7	83.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	96.7
600	.7	76.7	83.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	96.7
500	.7	76.7	85.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3
400	.7	76.7	85.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3
300	.7	76.7	85.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3
200	.7	76.7	85.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3
100	.7	76.7	85.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3
0	.7	76.7	85.3	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

2663

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

APR
MONTH

07
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000		50.0	56.7	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.7
18000		53.3	62.0	64.0	65.3	65.3	66.0	66.0	66.0	66.0	66.7
16000		53.3	62.0	64.0	65.3	65.3	66.0	66.0	66.0	66.0	66.7
14000		53.3	62.0	64.0	65.3	65.3	66.0	66.0	66.0	66.0	66.7
12000		54.0	62.7	64.7	66.0	66.0	66.7	66.7	66.7	66.7	67.3
10000		54.0	64.0	66.0	67.3	67.3	68.0	68.0	68.0	68.0	68.7
9000		56.0	66.7	68.7	70.7	71.3	72.0	72.0	72.0	72.0	72.7
8000		56.0	66.7	68.7	70.7	71.3	72.0	72.0	72.0	72.0	72.7
7000		58.0	68.7	71.3	73.3	74.0	75.3	75.3	75.3	75.3	76.0
6000		58.7	69.3	72.0	74.0	74.7	76.0	76.0	76.0	76.0	76.7
5000		58.7	69.3	72.0	74.0	74.7	76.0	76.0	76.0	76.0	76.7
4500		59.3	70.0	72.7	74.7	75.3	76.7	76.7	76.7	76.7	77.3
4000		59.3	70.0	72.7	74.7	75.3	76.7	76.7	76.7	76.7	77.3
3500		61.3	72.0	74.7	76.7	77.3	78.7	78.7	78.7	78.7	79.3
3000		62.0	72.7	75.3	78.0	78.7	80.0	80.0	80.0	80.0	80.7
2500		64.0	75.3	78.0	80.7	81.3	83.3	83.3	83.3	83.3	84.0
2000		65.3	76.7	79.3	82.0	82.7	84.7	84.7	84.7	84.7	85.3
1800		66.0	78.7	81.3	84.0	84.7	86.7	86.7	86.7	86.7	87.3
1500		66.0	78.7	81.3	84.0	84.7	86.7	86.7	86.7	86.7	87.3
1200		68.7	82.7	86.0	88.7	89.3	91.3	91.3	91.3	91.3	92.0
1000		69.3	83.3	86.7	89.3	90.0	92.0	92.0	92.0	92.0	92.7
900		69.3	83.3	87.3	90.0	90.7	93.3	93.3	93.3	93.3	94.0
800		69.3	83.3	87.3	90.0	90.7	93.3	93.3	93.3	93.3	94.0
700		69.3	83.3	88.0	91.3	92.0	94.7	94.7	94.7	94.7	95.3
600		69.3	83.3	88.0	91.3	92.0	94.7	94.7	94.7	94.7	95.3
500		70.0	84.7	89.3	92.7	93.3	96.7	96.7	96.7	96.7	97.3
400		70.7	85.3	90.0	93.3	94.0	97.3	97.3	97.3	97.3	98.0
300		70.7	85.3	90.0	93.3	94.0	98.0	98.0	98.0	98.0	98.7
200		70.7	85.3	90.0	93.3	94.0	98.0	98.0	98.0	98.0	98.7
100		70.7	85.3	90.0	93.3	94.0	98.0	98.0	98.0	98.0	98.7
0		70.7	85.3	90.0	93.3	94.0	98.0	98.0	98.0	98.0	98.7

TOTAL NUMBER OF OBSERVATIONS

150

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

CEILING VERSUS VISIBILITY

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (L.S.T.)

2661

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000	58.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 18000	64.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	65.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	65.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	66.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 10000	66.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	68.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	68.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	74.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000	74.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	75.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	75.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	76.0	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	77.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	78.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	82.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	84.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	85.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	86.0	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	86.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	87.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	87.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	87.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	88.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	88.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	88.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	89.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	89.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 200	89.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	89.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	89.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 YEARS APR MONTH
 HOURS (L.S.T.) 13
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 20000		66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
18000		66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000		66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
14000		66.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
12000		68.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
10000		68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000		68.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
8000		70.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
7000		70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
6000		71.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
5000		73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
4500		74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
4000		75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
3500		76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3000		86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2500		88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2000		90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1800		90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1500		92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1200		93.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
1000		94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
900		94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
800		94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
700		94.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
600		94.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
500		94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400		94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
300		94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
200		94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100		94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0		94.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

13754
STATIONCHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

APR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 14000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000		78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000		78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000		78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000		78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500		80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000		82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500		83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000		88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500		90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000		92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800		92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200		94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000		94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800		94.7	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700		94.7	96.7	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		95.3	97.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

2659

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNP

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000		71.3	73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000		71.3	73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000		71.3	73.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000		72.0	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000		74.0	76.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000		74.7	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000		80.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000		80.7	82.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000		81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000		81.3	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500		82.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000		82.7	84.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500		84.7	86.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000		85.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500		87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000		87.3	91.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800		88.0	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500		88.0	92.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 300		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 200		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 100		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
0		88.7	94.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION NAME CHERRY POINT, NORTH CAROLINA YEARS 73-77 MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000		70.7	73.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000		74.0	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000		74.0	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000		74.0	76.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000		74.7	77.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000		78.0	80.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000		78.0	80.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
8000		80.0	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
7000		80.0	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
6000		80.7	83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
5000		81.3	84.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
4500		81.3	84.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
4000		82.0	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
3500		83.3	86.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
3000		84.0	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2500		85.3	88.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2000		86.7	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1800		86.7	90.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1500		86.7	91.3	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1200		87.3	92.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000		87.3	92.7	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900		87.3	92.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		87.3	92.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		87.3	92.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		87.3	92.7	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		88.0	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400		88.0	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300		88.0	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		88.0	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100		88.0	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		88.0	93.3	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING															
≥ 20000		61.3	63.8	65.0	65.3	65.4	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8
≥ 18000		66.8	70.2	71.5	71.8	71.9	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4
≥ 16000		67.0	70.3	71.7	72.0	72.1	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.6	72.6
≥ 14000		67.0	70.3	71.7	72.0	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8
≥ 12000		67.9	71.4	72.8	73.1	73.2	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.7	73.7
≥ 10000	.1	70.1	73.7	75.0	75.4	75.6	75.8	75.8	75.8	75.8	75.9	75.9	75.9	76.1	76.1
≥ 9000	.1	70.2	73.8	75.1	75.5	75.7	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.2	76.2
≥ 8000	.1	73.5	77.2	78.8	79.2	79.3	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9
≥ 7000	.1	73.8	77.5	79.1	79.5	79.7	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.3	80.3
≥ 6000	.1	74.0	77.8	79.3	79.8	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5
≥ 5000	.1	74.8	78.7	80.3	80.7	80.8	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4
≥ 4500	.1	75.1	79.0	80.6	81.0	81.2	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.8	81.8
≥ 4000	.1	76.8	80.8	82.5	82.9	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.7	83.7
≥ 3500	.1	77.3	81.6	83.3	83.8	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.6	84.6
≥ 3000	.1	80.6	85.1	86.9	87.4	87.6	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.3	88.3
≥ 2500	.1	81.8	86.7	88.7	89.2	89.3	89.8	89.8	89.8	89.8	89.9	89.9	89.9	90.1	90.1
≥ 2000	.1	83.1	88.3	90.7	91.2	91.3	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.1	92.1
≥ 1800	.1	83.2	88.5	90.8	91.3	91.5	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.3	92.3
≥ 1500	.1	84.3	90.0	92.6	93.3	93.4	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.2	94.2
≥ 1200	.1	84.7	90.6	93.4	94.1	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0
≥ 1000	.1	85.3	91.3	94.3	95.1	95.3	95.8	95.8	95.8	96.0	96.1	96.1	96.1	96.3	96.3
≥ 900	.1	85.3	91.5	94.8	95.7	95.8	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.8	96.8
≥ 800	.1	85.4	91.7	95.2	96.3	96.5	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.5	97.5
≥ 700	.1	85.4	91.8	95.3	96.7	96.8	97.5	97.5	97.5	97.7	97.8	97.8	97.8	97.9	97.9
≥ 600	.1	85.6	92.1	95.7	97.0	97.2	97.8	97.8	97.8	98.1	98.2	98.2	98.2	98.3	98.3
≥ 500	.1	85.9	92.8	96.4	97.9	98.3	98.9	98.9	98.9	99.2	99.3	99.3	99.3	99.4	99.4
≥ 400	.1	86.0	92.9	96.5	98.2	98.3	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8
≥ 300	.1	86.0	92.9	96.5	98.2	98.3	99.3	99.3	99.3	99.7	99.8	99.8	99.8	99.9	99.9
≥ 200	.1	86.0	92.9	96.6	98.3	98.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0
≥ 100	.1	86.0	92.9	96.6	98.3	98.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0
≥ 0	.1	86.0	92.9	96.6	98.3	98.4	99.4	99.4	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMMM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L'S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		45.8	55.5	58.7	60.0	61.3	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6
≥ 20000		49.7	60.7	63.9	65.8	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
AI AI 18000		49.7	60.7	63.9	65.8	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
AI AI 16000		49.7	60.7	63.9	65.8	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
AI AI 14000		49.7	60.7	63.9	65.8	67.1	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4
AI AI 12000		50.3	61.3	64.5	66.5	67.7	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0
AI AI 10000		52.9	63.9	67.7	69.7	71.0	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3
AI AI 9000		52.9	63.9	67.7	69.7	71.0	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3
AI AI 8000		55.5	66.5	70.3	72.3	73.6	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8
AI AI 7000		56.8	67.7	71.6	73.6	74.8	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1
AI AI 6000		57.4	69.0	72.9	74.8	76.1	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4
AI AI 5000		58.1	69.7	73.6	75.5	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1
AI AI 4500		58.1	69.7	73.6	75.5	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1
AI AI 4000		58.7	70.3	74.2	76.1	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7
AI AI 3500		59.4	71.0	74.8	76.8	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4
AI AI 3000		60.0	74.2	79.4	81.3	82.6	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9
AI AI 2500		60.7	74.8	80.7	82.6	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2
AI AI 2000		61.3	76.1	81.9	83.9	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5
AI AI 1800		61.3	76.1	81.9	83.9	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5
AI AI 1500		62.6	78.1	85.2	87.1	88.4	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3
AI AI 1200		62.6	78.7	85.8	87.7	89.0	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0
AI AI 1000		64.5	80.7	89.0	91.6	92.9	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8
AI AI 900		65.2	81.3	89.7	92.3	93.6	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5
AI AI 800		65.8	81.9	90.3	94.2	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
AI AI 700		65.8	81.9	90.3	94.2	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
AI AI 600		65.8	81.9	90.3	94.2	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
AI AI 500		65.8	81.9	90.3	94.2	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
AI AI 400		65.8	81.9	91.0	94.8	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4
AI AI 300		65.8	81.9	91.0	94.8	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4
AI AI 200		65.8	81.9	91.0	94.8	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4
AI AI 100		65.8	81.9	91.0	94.8	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4
AI AI 0		65.8	81.9	91.0	94.8	96.8	98.1	98.1	98.1	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.4
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		39.4	49.7	60.0	62.6	62.6	63.2	63.9	63.9	63.9	64.5	64.5
≥ 20000		42.6	52.9	63.2	65.8	65.8	66.5	67.1	67.1	67.1	67.7	67.7
≥ 18000		42.6	52.9	63.2	65.8	65.8	66.5	67.1	67.1	67.1	67.7	67.7
≥ 16000		42.6	52.9	63.2	65.8	65.8	66.5	67.1	67.1	67.1	67.7	67.7
≥ 14000		42.6	52.9	63.2	65.8	65.8	66.5	67.1	67.1	67.1	67.7	67.7
≥ 12000		42.6	52.9	63.2	65.8	65.8	66.5	67.1	67.1	67.1	67.7	67.7
≥ 10000		43.2	53.6	63.9	66.5	66.5	67.1	67.7	67.7	67.7	68.4	68.4
≥ 9000		43.9	54.2	64.5	67.1	67.1	67.7	68.4	68.4	68.4	69.0	69.0
≥ 8000		44.5	56.8	67.7	71.0	71.0	71.6	72.3	72.3	72.3	72.9	72.9
≥ 7000		47.1	59.4	70.3	73.6	73.6	74.2	74.8	74.8	74.8	75.5	75.5
≥ 6000		47.1	59.4	70.3	73.6	73.6	74.2	74.8	74.8	74.8	75.5	75.5
≥ 5000		48.4	61.3	72.3	75.5	75.5	76.1	76.8	76.8	76.8	77.4	77.4
≥ 4500		48.4	61.3	72.3	75.5	75.5	76.1	76.8	76.8	76.8	77.4	77.4
≥ 4000		49.0	62.6	74.2	77.4	77.4	78.1	78.7	78.7	78.7	79.4	79.4
≥ 3500		49.0	62.6	74.2	77.4	77.4	78.1	78.7	78.7	78.7	79.4	79.4
≥ 3000		52.3	66.5	78.7	81.9	81.9	82.6	83.2	83.2	83.2	83.9	83.9
≥ 2500		52.9	67.7	80.0	83.2	83.2	83.9	84.5	84.5	84.5	85.2	85.2
≥ 2000		53.6	69.0	81.3	84.5	84.5	85.2	85.8	85.8	85.8	86.5	86.5
≥ 1800		53.6	69.0	81.3	84.5	84.5	85.2	85.8	85.8	85.8	86.5	86.5
≥ 1500		54.2	69.7	82.6	86.5	86.5	87.1	87.7	87.7	87.7	88.4	88.4
≥ 1200		54.2	71.0	83.9	87.7	87.7	88.4	89.0	89.0	89.0	89.7	89.7
≥ 1000		54.8	72.3	86.5	90.3	90.3	91.0	91.6	91.6	91.6	92.3	92.3
≥ 900		54.8	72.3	87.1	91.0	91.0	91.6	92.3	92.3	92.3	92.9	92.9
≥ 800		54.8	74.2	89.7	93.6	93.6	94.8	95.5	95.5	95.5	96.1	96.1
≥ 700		54.8	74.2	89.7	93.6	93.6	94.8	95.5	95.5	95.5	96.1	96.1
≥ 600		54.8	74.2	89.7	93.6	93.6	94.8	95.5	95.5	95.5	96.1	96.1
≥ 500		55.5	75.5	91.0	95.5	95.5	96.1	96.7	96.7	96.7	97.4	97.4
≥ 400		55.5	75.5	91.0	95.5	95.5	96.1	96.7	96.7	96.7	97.4	97.4
≥ 300		55.5	75.5	91.0	95.5	95.5	96.1	96.7	96.7	96.7	97.4	97.4
≥ 200		55.5	75.5	91.0	95.5	95.5	96.1	96.7	96.7	96.7	97.4	97.4
≥ 100		55.5	75.5	91.0	95.5	95.5	96.1	96.7	96.7	96.7	97.4	97.4
0		55.5	75.5	91.0	95.5	95.5	96.1	96.7	96.7	96.7	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)07
HOURS (L.A.T.)

2653

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING													≥ 0
≥ 20000		34.8	43.2	47.1	48.4	49.7	51.0	51.6	51.6	52.3	52.3	52.3	52.3
≥ 18000		38.7	47.1	51.0	52.9	54.2	56.1	57.4	57.4	58.1	58.1	58.1	58.1
≥ 16000		38.7	47.1	51.6	53.6	54.8	56.8	58.1	58.1	58.7	58.7	58.7	58.7
≥ 14000		38.7	47.1	51.6	53.6	54.8	56.8	58.1	58.1	58.7	58.7	58.7	58.7
≥ 12000		38.7	47.1	51.6	53.6	54.8	56.8	58.1	58.1	58.7	58.7	58.7	58.7
≥ 10000		39.4	48.4	52.9	54.8	56.1	58.1	59.4	59.4	60.0	60.0	60.0	60.0
≥ 9000		43.2	52.9	57.4	59.4	60.7	62.6	63.9	63.9	64.5	64.5	64.5	64.5
≥ 8000		43.2	52.9	57.4	59.4	60.7	62.6	63.9	63.9	64.5	64.5	64.5	64.5
≥ 7000		47.1	57.4	62.6	65.2	66.5	68.4	69.7	69.7	70.3	70.3	70.3	70.3
≥ 6000		48.4	59.4	64.5	67.1	68.4	70.3	71.6	71.6	72.3	72.3	72.3	72.3
≥ 5000		48.4	59.4	64.5	67.1	68.4	70.3	71.6	71.6	72.3	72.3	72.3	72.3
≥ 4500		49.0	60.0	65.2	67.7	69.0	71.0	72.3	72.3	72.9	72.9	72.9	72.9
≥ 4000		49.7	60.7	65.8	68.4	69.7	71.6	72.9	72.9	73.6	73.6	73.6	73.6
≥ 3500		49.7	60.7	65.8	68.4	69.7	71.6	72.9	72.9	73.6	73.6	73.6	73.6
≥ 3000		50.3	61.3	66.5	69.0	70.3	72.3	73.6	73.6	74.2	74.2	74.2	74.2
≥ 2500		52.9	64.5	70.3	73.6	74.8	76.8	78.1	78.1	78.7	78.7	78.7	78.7
≥ 2000		54.8	66.5	72.3	75.5	76.8	78.7	80.0	80.0	80.7	80.7	80.7	80.7
≥ 1800		54.8	67.7	73.6	76.8	78.1	80.0	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1500		54.8	67.7	73.6	76.8	78.1	80.0	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1200		56.1	69.0	74.8	78.1	79.4	81.3	83.2	83.2	83.9	83.9	83.9	83.9
≥ 1000		56.1	69.0	74.8	78.1	79.4	81.3	83.2	83.2	83.9	83.9	83.9	83.9
≥ 900		58.1	71.0	77.4	80.7	81.9	83.9	85.8	85.8	87.1	87.1	87.1	87.1
≥ 800		58.1	71.0	77.4	80.7	81.9	83.9	85.8	85.8	87.1	87.1	87.1	87.1
≥ 700		58.1	71.0	77.4	80.7	81.9	83.9	85.8	85.8	87.1	87.1	87.1	87.1
≥ 600		59.4	72.9	79.4	82.6	84.5	86.5	88.4	88.4	90.3	90.3	91.0	91.0
≥ 500		60.7	74.2	81.3	85.2	87.1	89.0	91.0	91.0	92.9	92.9	93.6	93.6
≥ 400		60.7	74.2	81.3	85.2	87.1	89.0	91.0	91.0	92.9	92.9	93.6	93.6
≥ 300		61.9	76.1	83.9	89.0	92.9	94.8	96.8	96.8	98.7	98.7	99.4	99.4
≥ 200		61.9	76.1	83.9	89.0	92.9	94.8	96.8	96.8	98.7	98.7	99.4	99.4
≥ 100		61.9	76.1	83.9	89.0	92.9	94.8	96.8	96.8	98.7	98.7	99.4	99.4
0		61.9	76.1	83.9	89.0	92.9	94.8	96.8	96.8	98.7	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAWWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		40.7	43.2	43.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
18000		43.2	46.5	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
16000		43.2	46.5	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
14000		43.9	47.1	47.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
12000		43.9	47.7	48.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
10000		47.1	51.0	51.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
9000		47.1	51.0	51.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
8000		52.3	56.8	57.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
7000		53.6	58.1	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
6000		53.6	58.1	58.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
5000		54.2	58.7	59.4	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4500		54.2	59.4	60.0	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
4000		56.1	61.3	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3500		56.1	61.3	61.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3000		58.7	63.9	65.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
2500		67.7	72.9	74.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2000		71.6	78.1	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1800		71.6	78.1	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1500		74.8	81.9	83.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1200		75.5	82.6	83.9	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1000		79.4	87.7	89.0	91.6	92.9	92.9	92.9	92.9	93.6	93.6	93.6
900		79.4	87.7	89.0	91.6	92.9	92.9	92.9	92.9	94.2	94.2	94.2
800		79.4	88.4	91.6	94.2	95.5	95.5	95.5	95.5	96.1	96.1	96.1
700		80.0	89.0	93.6	96.1	97.4	97.4	97.4	97.4	98.1	98.1	98.1
600		80.7	89.7	94.2	96.8	98.1	98.1	98.1	98.1	99.4	99.4	99.4
500		80.7	89.7	94.8	97.4	98.7	98.7	98.7	98.7	100.0	100.0	100.0
400		80.7	89.7	94.8	97.4	98.7	98.7	98.7	98.7	100.0	100.0	100.0
300		80.7	89.7	94.8	97.4	98.7	98.7	98.7	98.7	100.0	100.0	100.0
200		80.7	89.7	94.8	97.4	98.7	98.7	98.7	98.7	100.0	100.0	100.0
100		80.7	89.7	94.8	97.4	98.7	98.7	98.7	98.7	100.0	100.0	100.0
0		80.7	89.7	94.8	97.4	98.7	98.7	98.7	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

12754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.T.)

2651

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		38.7	41.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000		43.9	47.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 16000		44.5	47.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000		44.5	47.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000		44.5	47.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 10000		45.8	49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000		48.4	51.6	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 8000		48.4	51.6	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 7000		49.7	53.6	54.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000		51.6	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000		51.6	55.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4500		52.3	56.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 4000		52.9	56.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500		54.8	58.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 3000		54.8	58.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 2500		61.9	65.8	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 2000		69.0	72.9	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800		77.4	81.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500		77.4	81.9	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200		81.3	86.5	89.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000		82.6	88.4	91.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900		84.5	91.0	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800		85.2	92.3	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		85.8	93.6	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		85.8	93.6	96.1	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		86.5	94.2	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		86.5	94.2	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		86.5	94.2	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		86.5	94.2	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		86.5	94.2	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0		86.5	94.2	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		40.7	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 18000		47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000		47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000		47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000		47.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000		49.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000		52.3	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 8000		52.3	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000		56.8	59.4	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000		58.1	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 5000		58.1	60.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500		60.0	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000		60.0	62.6	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500		61.9	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 3000		62.6	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 2500		69.7	74.2	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 2000		74.2	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800		79.4	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500		79.4	84.5	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200		85.8	91.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		86.5	92.9	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900		87.1	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		87.1	93.6	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		87.7	94.2	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)19
HOURS (L.S.T.)

2649

MMMM

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MM

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000		47.7	51.0	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000		54.8	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000		56.1	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000		56.1	60.0	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000		56.8	60.7	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000		57.4	61.3	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000		61.3	65.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000		61.3	65.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000		70.3	74.2	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000		71.6	75.5	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000		71.6	75.5	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500		73.6	77.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000		73.6	77.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		75.5	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000		75.5	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500		77.4	81.3	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000		78.7	82.6	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800		78.7	83.9	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		78.7	83.9	88.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200		81.3	87.1	91.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000		81.9	87.7	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900		83.2	89.7	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800		83.2	89.7	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700		83.2	89.7	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600		83.9	90.3	94.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		83.9	90.3	94.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		84.5	91.0	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		84.5	91.0	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		84.5	91.0	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		84.5	91.0	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		84.5	91.0	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13734
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		56.1	62.6	63.2	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000		59.4	67.1	67.7	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000		60.0	67.7	68.4	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000		60.0	67.7	68.4	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000		60.7	68.4	69.0	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 10000		61.9	69.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 9000		61.9	69.7	70.3	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 8000		65.8	73.6	74.2	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000		66.5	74.8	75.5	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000		67.1	75.5	76.8	77.4	77.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000		67.7	76.1	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500		68.4	76.8	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000		68.4	76.8	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500		69.7	78.1	80.0	80.7	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000		72.3	82.6	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500		74.2	84.5	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000		74.8	85.8	89.0	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800		74.8	85.8	89.0	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500		75.5	87.7	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200		75.5	87.7	91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000		77.4	90.3	94.2	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900		77.4	91.0	94.8	95.5	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		77.4	91.0	94.8	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		77.4	91.0	94.8	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600		77.4	91.0	94.8	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500		77.4	91.6	95.5	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		77.4	91.6	95.5	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		77.4	92.3	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		77.4	92.3	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		77.4	92.3	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		77.4	92.3	96.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

12754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		43.0	48.6	51.3	52.3	52.7	53.0	53.2	53.2	53.4	53.5	53.5	53.5	53.5
18000		47.5	53.7	56.5	57.7	58.0	58.4	58.7	58.7	58.9	59.0	59.0	59.0	59.0
16000		47.8	54.0	56.9	58.1	58.4	58.8	59.1	59.1	59.3	59.4	59.4	59.4	59.4
14000		47.8	54.0	56.9	58.1	58.4	58.8	59.1	59.1	59.3	59.4	59.4	59.4	59.4
12000		48.0	54.2	57.0	58.2	58.6	59.0	59.3	59.3	59.4	59.5	59.5	59.5	59.5
10000		48.6	55.0	57.9	59.1	59.4	59.8	60.2	60.2	60.4	60.4	60.4	60.4	60.4
9000		51.3	57.8	60.9	62.3	62.6	63.0	63.3	63.3	63.5	63.6	63.6	63.6	63.6
8000		51.4	57.9	61.0	62.3	62.7	63.1	63.4	63.4	63.6	63.6	63.6	63.6	63.6
7000		55.2	62.3	65.5	67.0	67.3	67.7	68.2	68.2	68.3	68.4	68.4	68.4	68.4
6000		56.7	63.9	67.1	68.6	69.0	69.4	69.8	69.8	69.9	70.0	70.0	70.0	70.0
5000		56.9	64.1	67.4	69.0	69.3	69.7	70.1	70.1	70.2	70.3	70.4	70.4	70.4
4500		57.9	65.2	68.6	70.1	70.4	70.8	71.2	71.2	71.4	71.5	71.5	71.5	71.5
4000		58.2	65.6	68.9	70.4	70.7	71.1	71.5	71.5	71.7	71.8	71.9	71.9	71.9
3500		59.3	66.9	70.4	71.9	72.3	72.7	73.2	73.2	73.3	73.4	73.5	73.5	73.5
3000		59.7	67.3	70.8	72.3	72.7	73.2	73.6	73.6	73.7	73.8	73.9	73.9	73.9
2500		63.2	71.6	76.0	77.7	78.0	78.5	78.9	78.9	79.0	79.1	79.2	79.2	79.2
2000		66.5	75.1	79.7	81.5	81.8	82.3	82.7	82.7	82.8	82.9	83.0	83.0	83.0
1800		69.0	78.4	83.0	84.8	85.1	85.6	86.1	86.1	86.2	86.3	86.4	86.4	86.4
1500		69.0	78.4	83.0	84.8	85.1	85.6	86.1	86.1	86.2	86.3	86.4	86.4	86.4
1200		71.5	81.5	86.5	88.6	89.1	89.7	90.2	90.2	90.3	90.4	90.5	90.5	90.5
1000		71.9	82.3	87.3	89.5	90.1	90.7	91.1	91.1	91.3	91.4	91.5	91.5	91.5
900		73.6	84.5	90.1	92.4	93.0	93.6	94.0	94.0	94.4	94.4	94.5	94.5	94.5
800		73.8	85.0	90.7	93.0	93.6	94.2	94.7	94.7	95.0	95.1	95.2	95.2	95.2
700		74.1	85.7	91.6	94.2	94.9	95.7	96.2	96.2	96.6	96.7	96.8	96.8	96.8
600		74.5	86.1	92.3	94.9	95.7	96.4	96.9	96.9	97.3	97.4	97.5	97.5	97.5
500		74.6	86.1	92.3	95.2	96.0	96.7	97.4	97.4	97.8	98.0	98.1	98.1	98.1
400		74.9	86.7	93.1	96.1	97.0	97.8	98.6	98.6	99.0	99.2	99.3	99.3	99.3
300		75.0	86.8	93.3	96.4	97.4	98.2	98.9	98.9	99.4	99.5	99.6	99.6	99.6
200		75.0	86.9	93.4	96.5	97.5	98.2	99.0	99.0	99.4	99.6	99.7	99.7	99.7
100		75.0	86.9	93.4	96.5	97.5	98.2	99.0	99.0	99.4	99.6	99.7	99.7	99.7
0		75.0	86.9	93.4	96.5	97.5	98.2	99.0	99.0	99.4	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

2647

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

NNNN

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		46.0	58.7	64.0	64.7	66.0	66.7	67.3	67.3	68.0	68.7	68.7
≥ 18000		50.7	64.0	70.7	71.3	73.3	74.0	74.7	74.7	76.0	76.7	76.7
≥ 16000		50.7	64.0	71.3	72.0	74.0	74.7	75.3	75.3	76.7	77.3	77.3
≥ 14000		50.7	64.0	71.3	72.0	74.0	74.7	75.3	75.3	76.7	77.3	77.3
≥ 12000		50.7	64.0	71.3	72.0	74.0	74.7	75.3	75.3	76.7	77.3	77.3
≥ 10000		52.0	65.3	72.7	73.3	75.3	76.0	76.7	76.7	78.0	78.7	78.7
≥ 9000		52.7	66.0	73.3	74.0	76.0	76.7	77.3	77.3	78.7	79.3	79.3
≥ 8000		52.7	66.0	73.3	74.0	76.0	76.7	77.3	77.3	78.7	79.3	79.3
≥ 7000		55.3	70.0	78.0	78.7	81.3	82.0	82.7	82.7	84.0	84.7	84.7
≥ 6000		56.7	71.3	79.3	80.0	82.7	83.3	84.0	84.0	85.3	86.0	86.0
≥ 5000		57.3	72.0	80.0	80.7	83.3	84.0	84.7	84.7	86.0	86.7	86.7
≥ 4500		57.3	72.0	80.0	80.7	83.3	84.0	84.7	84.7	86.0	86.7	86.7
≥ 4000		58.0	72.7	80.7	81.3	84.0	84.7	85.3	85.3	86.7	87.3	87.3
≥ 3500		58.0	72.7	80.7	81.3	84.0	84.7	85.3	85.3	86.7	87.3	87.3
≥ 3000		59.3	74.7	82.7	83.3	86.0	86.7	87.3	87.3	88.7	89.3	89.3
≥ 2500		61.3	76.7	85.3	86.0	88.7	89.3	90.0	90.0	91.3	92.0	92.0
≥ 2000		62.7	78.0	87.3	88.7	92.0	92.7	93.3	93.3	94.7	95.3	95.3
≥ 1800		62.7	78.0	87.3	88.7	92.0	92.7	93.3	93.3	94.7	95.3	95.3
≥ 1500		63.3	79.3	88.7	90.0	93.3	94.0	94.7	94.7	96.0	96.7	96.7
≥ 1200		63.3	79.3	88.7	90.0	93.3	94.0	94.7	94.7	96.0	96.7	96.7
≥ 1000		63.3	79.3	88.7	90.0	93.3	94.0	94.7	94.7	96.0	96.7	96.7
≥ 900		63.3	79.3	88.7	90.0	93.3	94.0	94.7	94.7	96.0	96.7	96.7
≥ 800		63.3	80.0	89.3	90.7	94.0	94.7	95.3	95.3	97.3	97.3	97.3
≥ 700		63.3	80.0	89.3	90.7	94.0	94.7	95.3	95.3	97.3	97.3	97.3
≥ 600		64.0	80.7	90.0	91.3	94.7	95.3	96.0	96.0	98.0	98.0	98.0
≥ 500		64.0	81.3	90.7	92.0	95.3	96.0	96.7	96.7	98.7	98.7	98.7
≥ 400		64.0	81.3	90.7	92.0	95.3	96.0	96.7	96.7	98.7	98.7	98.7
≥ 300		64.0	81.3	90.7	92.0	95.3	96.0	96.7	96.7	98.7	98.7	98.7
≥ 200		64.0	81.3	90.7	92.0	95.3	96.0	96.7	96.7	98.7	98.7	98.7
≥ 100		64.0	81.3	90.7	92.0	95.3	96.0	96.7	96.7	98.7	98.7	98.7
0		64.0	81.3	90.7	92.0	95.3	96.0	96.7	96.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

2645

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000											
≥ 18000											
≥ 16000											
≥ 14000											
≥ 12000											
≥ 10000											
≥ 9000											
≥ 8000											
≥ 7000											
6000											
5000											
4500											
4000											
3500											
3000											
2500											
2000											
1800											
1500											
1200											
1000											
900											
800											
700											
600											
500											
400											
300											
200											
100											
0											

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		31.3	42.7	47.3	49.3	50.7	51.3	51.3	51.3	52.7	52.7	52.7	52.7	52.7
≥ 18000		36.0	47.3	54.7	56.7	58.0	59.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3
≥ 16000		36.0	47.3	54.7	56.7	58.0	59.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3
≥ 14000		36.0	47.3	54.7	56.7	58.0	59.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3
≥ 12000		36.0	47.3	54.7	56.7	58.0	59.3	60.0	60.0	61.3	61.3	61.3	61.3	61.3
≥ 10000		39.3	51.3	59.3	61.3	62.7	64.0	64.7	64.7	67.3	67.3	67.3	67.3	67.3
≥ 9000		39.3	51.3	59.3	61.3	62.7	64.0	64.7	64.7	67.3	67.3	67.3	67.3	67.3
≥ 8000		41.3	54.0	63.3	65.3	67.3	68.7	69.3	69.3	72.0	72.0	72.0	72.0	72.0
≥ 7000		42.7	56.7	66.0	68.0	70.0	71.3	72.0	72.0	74.7	74.7	74.7	74.7	74.7
≥ 6000		42.7	56.7	66.0	68.0	70.0	71.3	72.0	72.0	74.7	74.7	74.7	74.7	74.7
≥ 5000		43.3	57.3	66.7	68.7	70.7	72.0	72.7	72.7	75.3	75.3	75.3	75.3	75.3
≥ 4500		44.0	58.0	67.3	69.3	71.3	72.7	73.3	73.3	76.0	76.0	76.0	76.0	76.0
≥ 4000		44.7	58.7	68.0	70.0	72.0	73.3	74.0	74.0	76.7	76.7	76.7	76.7	76.7
≥ 3500		44.7	59.3	68.7	70.7	72.7	74.0	74.7	74.7	77.3	77.3	77.3	77.3	77.3
≥ 3000		46.0	60.7	70.7	73.3	75.3	76.7	77.3	77.3	80.0	80.0	80.0	80.0	80.0
≥ 2500		46.7	62.0	72.7	75.3	77.3	78.7	79.3	79.3	82.0	82.0	82.0	82.0	82.0
≥ 2000		46.7	62.0	73.3	76.0	78.0	79.3	80.0	80.0	82.7	82.7	82.7	82.7	82.7
≥ 1800		46.7	62.0	73.3	76.0	78.0	79.3	80.0	80.0	82.7	82.7	82.7	82.7	82.7
≥ 1500		47.3	63.3	74.7	77.3	79.3	80.7	81.3	81.3	84.0	84.0	84.0	84.0	84.0
≥ 1200		48.0	64.0	75.3	78.0	80.0	81.3	82.0	82.0	84.7	84.7	84.7	84.7	84.7
≥ 1000		50.0	66.7	78.7	82.7	84.7	86.0	86.7	86.7	89.3	89.3	89.3	89.3	89.3
≥ 900		50.0	67.3	79.3	83.3	85.3	86.7	87.3	87.3	90.0	90.0	90.0	90.0	90.0
≥ 800		50.0	68.0	80.0	84.0	86.0	87.3	88.0	88.0	90.7	90.7	90.7	90.7	90.7
≥ 700		50.0	68.0	80.0	84.0	86.7	88.0	88.7	88.7	91.3	91.3	91.3	91.3	91.3
≥ 600		50.7	68.7	80.7	85.3	88.0	89.3	90.0	90.0	92.7	92.7	92.7	92.7	92.7
≥ 500		53.3	72.0	84.0	89.3	92.0	93.3	94.0	94.0	96.7	96.7	96.7	96.7	96.7
≥ 400		54.7	73.3	85.3	90.7	93.3	94.7	95.3	95.3	98.0	98.0	98.0	98.0	98.0
≥ 300		54.7	73.3	85.3	90.7	93.3	95.3	96.0	96.0	98.7	98.7	98.7	98.7	98.7
≥ 200		54.7	73.3	85.3	90.7	93.3	95.3	96.0	96.0	98.7	98.7	98.7	98.7	98.7
≥ 100		54.7	73.3	85.3	90.7	93.3	95.3	96.0	96.0	98.7	98.7	98.7	98.7	98.7
0		54.7	73.3	85.3	90.7	93.3	95.3	96.0	96.0	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
AI 20000		30.7	34.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
AI 18000		35.3	41.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
AI 16000		36.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
AI 14000		36.0	42.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
AI 12000		36.7	42.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
AI 10000		38.0	44.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
AI 9000		42.0	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
AI 8000		42.0	48.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
AI 7000		48.0	54.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
AI 6000		50.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
AI 5000		50.0	56.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
AI 4500		50.7	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
AI 4000		52.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
AI 3500		52.0	58.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
AI 3000		54.7	62.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
AI 2500		58.7	66.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
AI 2000		64.7	73.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 1800		64.7	73.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
AI 1500		69.3	78.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 1200		70.0	79.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
AI 1000		75.3	86.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 900		76.7	87.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 800		77.3	88.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 700		78.0	90.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 600		78.7	90.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 500		80.7	92.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 400		80.7	92.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 300		80.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 200		80.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI 100		80.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
AI AI		80.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 YEARS MONTH JUN 13 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		27.3	30.0	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000		36.0	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000		36.0	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 16000		36.0	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000		36.0	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 12000		37.3	41.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 10000		38.7	42.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 9000		38.7	42.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 8000		42.7	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 7000		42.7	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 6000		43.3	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 5000		43.3	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4500		43.3	48.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 4000		44.7	50.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 3500		46.0	51.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 3000		54.7	60.7	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 2500		61.3	67.3	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 2000		72.0	78.7	82.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800		72.0	79.3	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500		75.3	83.3	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1200		75.3	84.0	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000		78.7	88.0	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900		79.3	88.7	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800		80.0	89.3	94.0	94.0	94.7	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700		80.7	90.0	94.7	94.7	95.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600		80.7	90.7	95.3	95.3	96.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500		80.7	91.3	96.7	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		80.7	91.3	96.7	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300		80.7	91.3	96.7	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		80.7	91.3	96.7	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		80.7	91.3	96.7	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3
0		80.7	91.3	96.7	96.7	97.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

2641

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														≥ 0
≥ 20000		33.3	34.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
18000		42.0	44.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
16000		42.0	44.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
14000		42.0	44.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
12000		44.0	46.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
10000		48.7	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
9000		48.7	52.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
8000		53.3	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
7000		54.0	57.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
6000		55.3	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
5000		55.3	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
4500		55.3	58.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
4000		58.7	62.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
3500		60.0	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
3000		64.7	68.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
2500		70.0	74.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
2000		76.7	82.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
1800		77.3	82.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
1500		81.3	87.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1200		81.3	87.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1000		84.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
900		84.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
800		84.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
700		84.7	92.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
600		84.7	93.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500		85.3	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		85.3	94.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		86.0	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		86.0	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100		86.0	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		86.0	94.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JUN
MONTH

19
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000		37.3	39.3	39.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000		49.3	53.3	53.3	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000		49.3	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000		49.3	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000		49.3	54.0	54.0	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000		50.7	55.3	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000		56.0	60.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000		56.0	60.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 7000		64.7	69.3	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000		66.0	70.7	71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 5000		66.7	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4500		66.7	71.3	72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000		68.0	72.7	73.3	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500		70.0	75.3	76.7	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000		70.7	76.0	77.3	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500		74.0	79.3	81.3	82.0	82.7	82.7	82.7	82.7	83.3	83.3	83.3	83.3
≥ 2000		76.0	81.3	84.0	84.7	85.3	85.3	85.3	85.3	86.0	86.0	86.0	86.0
≥ 1800		79.3	85.3	88.7	89.3	90.7	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 1500		79.3	85.3	88.7	89.3	90.7	91.3	91.3	91.3	92.0	92.0	92.0	92.0
≥ 1200		80.0	86.0	90.0	90.7	92.0	92.7	92.7	92.7	93.3	93.3	93.3	93.3
≥ 1000		81.3	88.7	92.7	93.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 900		81.3	88.7	92.7	93.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 800		81.3	88.7	92.7	93.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 700		81.3	88.7	92.7	93.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 600		81.3	88.7	92.7	93.3	95.3	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 500		82.0	89.3	93.3	94.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 400		82.0	89.3	93.3	94.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 300		82.0	89.3	93.3	94.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 200		82.0	89.3	93.3	94.0	96.0	96.0	96.0	96.0	96.7	96.7	96.7	96.7
≥ 100		82.0	89.3	94.0	94.7	96.7	97.3	98.0	98.0	99.3	99.3	99.3	99.3
≥ 0		82.0	89.3	94.0	94.7	96.7	97.3	98.0	98.0	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMR

MMR

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (S.T.)

2639

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNP

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		50.0	58.7	61.3	62.0	62.7	63.3	63.3	63.3	64.0	64.0	64.0
18000		55.3	64.7	68.7	69.3	70.0	70.7	70.7	70.7	72.0	72.0	72.0
16000		55.3	64.7	69.3	70.0	70.7	71.3	71.3	71.3	72.7	72.7	72.7
14000		55.3	64.7	69.3	70.0	70.7	71.3	71.3	71.3	72.7	72.7	72.7
12000		57.3	66.7	71.3	72.0	72.7	73.3	73.3	73.3	74.7	74.7	74.7
10000		60.7	70.7	76.0	76.7	77.3	78.0	78.0	78.0	79.3	79.3	79.3
9000		60.7	70.7	76.0	76.7	77.3	78.0	78.0	78.0	79.3	79.3	79.3
8000		64.0	74.0	80.0	80.7	82.0	82.7	82.7	82.7	84.0	84.0	84.0
7000		65.3	75.3	81.3	82.0	83.3	84.0	84.0	84.0	85.3	85.3	85.3
6000		65.3	75.3	81.3	82.0	83.3	84.0	84.0	84.0	85.3	85.3	85.3
5000		66.0	76.0	82.0	82.7	84.0	84.7	84.7	84.7	86.0	86.0	86.0
4500		66.0	76.0	82.0	82.7	84.0	84.7	84.7	84.7	86.0	86.0	86.0
4000		66.7	76.7	82.7	83.3	84.7	85.3	85.3	85.3	86.7	86.7	86.7
3500		66.7	77.3	83.3	84.0	85.3	86.0	86.0	86.0	87.3	87.3	87.3
3000		68.7	80.0	86.0	86.7	88.0	88.7	88.7	88.7	90.0	90.0	90.0
2500		69.3	80.7	86.7	87.3	88.7	89.3	89.3	89.3	90.7	90.7	90.7
2000		70.0	82.0	88.0	88.7	90.7	91.3	91.3	91.3	92.7	92.7	92.7
1800		70.0	82.0	88.0	88.7	90.7	91.3	91.3	91.3	92.7	92.7	92.7
1500		71.3	83.3	89.3	90.7	92.7	93.3	93.3	93.3	94.7	94.7	94.7
1200		71.3	84.0	90.0	91.3	93.3	94.0	94.0	94.0	95.3	95.3	95.3
1000		72.7	85.3	91.3	92.7	94.7	96.0	96.0	96.0	97.3	97.3	97.3
900		73.3	86.0	92.0	93.3	95.3	96.7	96.7	96.7	98.0	98.0	98.0
800		73.3	86.0	92.0	93.3	95.3	96.7	96.7	96.7	98.0	98.0	98.0
700		73.3	86.0	92.0	93.3	95.3	96.7	96.7	96.7	98.0	98.0	98.0
600		73.3	86.0	92.0	93.3	96.0	97.3	97.3	97.3	98.7	98.7	98.7
500		73.3	86.0	92.7	94.0	96.7	98.0	98.0	98.0	99.3	99.3	99.3
400		73.3	86.0	92.7	94.0	96.7	98.7	98.7	98.7	100.0	100.0	100.0
300		73.3	86.0	92.7	94.0	96.7	98.7	98.7	98.7	100.0	100.0	100.0
200		73.3	86.0	92.7	94.0	96.7	98.7	98.7	98.7	100.0	100.0	100.0
100		73.3	86.0	92.7	94.0	96.7	98.7	98.7	98.7	100.0	100.0	100.0
0		73.3	86.0	92.7	94.0	96.7	98.7	98.7	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		36.2	43.0	45.8	46.9	47.3	47.8	47.8	47.8	48.3	48.4	48.4	48.4
18000		42.6	50.6	54.3	55.3	55.8	56.3	56.6	56.6	57.3	57.3	57.3	57.3
16000		42.7	50.8	54.6	55.7	56.2	56.7	56.9	56.9	57.6	57.7	57.7	57.7
14000		42.7	50.8	54.6	55.7	56.2	56.7	56.9	56.9	57.6	57.7	57.7	57.7
12000		42.8	50.8	54.7	55.8	56.3	56.8	57.0	57.0	57.7	57.8	57.8	57.8
10000		43.9	52.0	55.8	56.9	57.4	57.9	58.2	58.2	58.8	58.9	58.9	58.9
9000		46.9	55.3	59.3	60.4	60.9	61.4	61.7	61.7	62.5	62.6	62.6	62.6
8000		46.9	55.3	59.3	60.4	60.9	61.4	61.7	61.7	62.5	62.6	62.6	62.6
7000		51.2	59.8	64.3	65.3	66.3	66.8	67.0	67.0	67.9	68.0	68.0	68.0
6000		52.3	61.1	65.5	66.6	67.3	68.0	68.3	68.3	69.2	69.3	69.3	69.3
5000		52.6	61.4	65.8	66.9	67.8	68.3	68.6	68.6	69.5	69.6	69.6	69.6
4500		52.9	61.8	66.3	67.3	68.3	68.8	69.0	69.0	69.9	70.0	70.0	70.0
4000		53.2	62.1	66.5	67.6	68.5	69.0	69.3	69.3	70.2	70.3	70.3	70.3
3500		54.6	63.8	68.5	69.6	70.5	71.0	71.3	71.3	72.2	72.3	72.3	72.3
3000		55.0	64.3	69.1	70.2	71.1	71.6	71.8	71.8	72.8	72.8	72.8	72.8
2500		58.3	68.5	73.7	74.8	75.8	76.4	76.7	76.7	77.8	77.8	77.8	77.8
2000		61.2	71.7	77.3	78.5	79.5	80.1	80.3	80.3	81.4	81.5	81.5	81.5
1800		65.0	76.3	82.5	83.8	85.0	85.7	85.9	85.9	87.0	87.1	87.1	87.1
1500		65.1	76.4	82.7	83.9	85.2	85.8	86.1	86.1	87.2	87.3	87.3	87.3
1200		67.2	78.9	85.7	87.1	88.3	89.0	89.3	89.3	90.3	90.4	90.4	90.4
1000		67.3	79.4	86.2	87.6	88.8	89.5	89.8	89.8	90.8	90.9	90.9	90.9
900		69.4	82.2	89.0	90.6	91.9	92.8	93.0	93.0	94.3	94.3	94.3	94.3
800		69.8	82.7	89.5	91.1	92.4	93.3	93.6	93.6	94.8	94.9	94.9	94.9
700		70.0	83.2	90.0	91.7	93.0	94.0	94.3	94.3	95.7	95.8	95.8	95.8
600		70.2	83.4	90.3	91.9	93.3	94.3	94.7	94.7	96.0	96.1	96.2	96.2
500		70.4	83.8	90.7	92.4	93.9	95.0	95.3	95.3	96.7	96.8	96.8	96.8
400		71.2	84.9	92.1	94.0	95.6	96.8	97.1	97.1	98.5	98.6	98.8	98.8
300		71.3	85.1	92.3	94.3	95.9	97.2	97.6	97.6	99.0	99.1	99.3	99.3
200		71.4	85.2	92.4	94.4	96.1	97.4	97.8	97.8	99.3	99.3	99.6	99.6
100		71.4	85.2	92.5	94.5	96.2	97.5	97.9	97.9	99.4	99.4	99.7	99.8
0		71.4	85.2	92.5	94.5	96.2	97.5	97.9	97.9	99.4	99.5	99.8	99.8
		71.4	85.2	92.5	94.5	96.2	97.5	97.9	97.9	99.4	99.5	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1200

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (P. M. T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		42.6	58.1	61.9	67.1	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 18000		46.5	64.5	69.0	74.8	74.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 16000		46.5	64.5	69.0	74.8	74.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 14000		46.5	64.5	69.0	74.8	74.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 12000		46.5	64.5	69.0	74.8	74.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8
≥ 10000		47.7	65.8	71.0	76.8	76.8	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 9000		47.7	65.8	71.0	76.8	76.8	78.1	78.1	78.1	78.7	78.7	78.7	78.7
≥ 8000		50.3	69.0	74.8	80.7	80.7	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 7000		51.6	70.3	76.8	82.6	82.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5
6000		51.6	70.3	76.8	82.6	82.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5
5000		52.3	71.0	77.4	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2
4500		52.3	71.0	77.4	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2	85.2
4000		52.3	71.0	78.1	83.9	83.9	85.2	85.2	85.2	85.8	85.8	85.8	85.8
3500		53.6	72.3	79.4	85.2	85.2	86.5	86.5	86.5	87.1	87.1	87.1	87.1
3000		54.8	74.8	83.9	90.3	90.3	92.3	92.3	92.3	92.9	92.9	92.9	92.9
2500		54.8	76.1	87.1	94.2	94.2	96.1	96.1	96.1	96.8	96.8	96.8	96.8
2000		55.5	76.8	87.7	94.8	94.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
1800		55.5	76.8	87.7	94.8	94.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4
1500		56.1	78.1	89.0	96.8	96.8	98.7	98.7	98.7	99.4	99.4	99.4	99.4
1200		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
1000		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
900		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
800		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
700		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
600		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
500		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
400		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
300		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
200		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
100		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0		56.1	78.7	89.7	97.4	97.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000	32.3	47.1	60.0	65.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	35.5	51.6	66.5	72.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	35.5	51.6	66.5	72.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	35.5	51.6	66.5	72.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	35.5	51.6	66.5	72.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	36.8	52.9	69.0	75.5	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 9000	36.8	52.9	69.0	75.5	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 8000	37.4	55.5	72.3	79.4	83.9	83.9	83.9	83.9	83.9	84.5	84.5	84.5	84.5
≥ 7000	38.1	56.1	72.9	80.0	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 6000	38.1	56.1	72.9	80.0	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 5000	38.7	56.8	73.6	80.7	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8
≥ 4500	38.7	56.8	73.6	80.7	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8
≥ 4000	40.0	58.1	75.5	83.2	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4
≥ 3500	40.0	58.7	76.1	83.9	88.4	88.4	88.4	88.4	88.4	89.0	89.0	89.0	89.0
≥ 3000	41.3	60.7	78.7	86.5	91.0	91.0	91.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 2500	41.3	61.3	79.4	88.4	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 2000	41.3	61.3	79.4	88.4	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 1800	41.3	61.3	79.4	88.4	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2
≥ 1500	41.9	63.9	81.9	91.0	96.1	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 1200	41.9	63.9	81.9	91.0	96.1	96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8
≥ 1000	41.9	64.5	82.6	92.9	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 900	41.9	64.5	82.6	92.9	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 800	41.9	64.5	82.6	92.9	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 700	41.9	64.5	82.6	92.9	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 600	41.9	64.5	82.6	92.9	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 500	41.9	65.2	83.2	93.6	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
≥ 400	41.9	65.2	83.2	93.6	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
≥ 300	41.9	65.2	83.2	93.6	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
≥ 200	41.9	65.2	83.2	93.6	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
≥ 100	41.9	65.2	83.2	93.6	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4
0	41.9	65.2	83.2	93.6	98.7	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

7-3-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)07
HOURS (L.A.T.)

2635

MMMM

5703 CEILING VERSUS VISIBILITY JAN 68

HHH

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		31.0	45.8	51.0	61.9	63.2	63.2	63.2	63.2	63.9	64.5	64.5
AI 18000		34.2	49.7	56.1	67.1	69.0	69.0	69.7	69.7	70.3	71.0	71.0
AI 16000		34.2	49.7	56.1	67.1	69.0	69.0	69.7	69.7	70.3	71.0	71.0
AI 14000		34.2	49.7	56.1	67.1	69.0	69.0	69.7	69.7	70.3	71.0	71.0
AI 12000		34.8	50.3	56.8	67.7	69.7	69.7	70.3	70.3	71.0	71.6	71.6
AI 10000		36.8	52.3	59.4	70.3	72.3	72.9	73.6	73.6	74.2	74.8	74.8
AI 9000		37.4	52.9	60.0	71.0	72.9	73.6	74.2	74.2	74.8	75.5	75.5
AI 8000		41.9	58.7	66.5	78.0	81.3	82.6	83.2	83.2	83.9	84.5	84.5
AI 7000		41.9	59.4	67.7	80.0	82.6	83.9	84.5	84.5	85.2	85.8	85.8
AI 6000		42.6	60.0	68.4	80.7	83.2	84.5	85.2	85.2	85.8	86.5	86.5
AI 5000		43.2	60.7	69.0	81.3	83.9	85.2	85.8	85.8	86.5	87.1	87.1
AI 4500		43.2	60.7	69.0	81.3	83.9	85.2	85.8	85.8	86.5	87.1	87.1
AI 4000		43.9	61.3	69.7	81.9	84.5	85.8	86.5	86.5	87.1	87.7	87.7
AI 3500		43.9	61.3	69.7	83.2	85.8	87.1	87.7	87.7	88.4	89.0	89.0
AI 3000		45.2	63.2	72.3	85.8	88.4	89.7	90.3	90.3	91.0	91.6	91.6
AI 2500		45.2	63.9	73.6	87.1	89.7	91.0	91.6	91.6	92.3	92.9	92.9
AI 2000		45.8	64.5	74.2	87.7	90.3	91.6	92.3	92.3	92.9	93.6	93.6
AI 1800		45.8	64.5	74.2	87.7	90.3	91.6	92.3	92.3	92.9	93.6	93.6
AI 1500		45.8	65.2	74.8	88.4	91.0	92.3	92.9	92.9	94.2	94.8	94.8
AI 1200		45.8	65.2	74.8	89.0	92.3	93.6	94.2	94.2	95.5	96.1	96.1
AI 1000		45.8	65.2	74.8	89.0	92.3	93.6	94.2	94.2	95.5	96.1	96.1
AI 900		45.8	65.2	74.8	89.0	92.3	93.6	94.2	94.2	95.5	96.1	96.1
AI 800		45.8	65.2	74.8	89.0	92.3	93.6	94.2	94.2	95.5	96.1	96.1
AI 700		45.8	65.2	74.8	89.7	93.6	94.8	95.5	95.5	96.8	97.4	97.4
AI 600		45.8	65.2	74.8	89.7	93.6	94.8	95.5	95.5	96.8	97.4	97.4
AI 500		45.8	65.2	74.8	90.3	94.2	95.5	96.1	96.1	97.4	98.1	98.1
AI 400		45.8	65.2	74.8	90.3	94.2	95.5	96.1	96.1	97.4	98.1	98.1
AI 300		45.8	65.2	75.5	91.0	94.8	96.1	96.8	96.8	98.1	99.4	99.4
AI 200		45.8	65.2	75.5	91.0	94.8	96.1	96.8	96.8	98.1	99.4	99.4
AI 100		45.8	65.2	75.5	91.0	94.8	96.1	96.8	96.8	98.1	99.4	99.4
0		45.8	65.2	75.5	91.0	94.8	96.1	96.8	96.8	98.1	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		36.8	44.5	49.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000		43.2	51.6	57.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 16000		43.2	51.6	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000		43.2	51.6	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000		43.9	52.3	58.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000		44.5	52.9	59.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000		47.7	56.8	63.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000		47.7	56.8	63.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000		50.3	59.4	65.8	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000		51.0	60.7	67.1	71.6	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000		51.6	61.3	67.7	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500		52.3	61.9	68.4	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000		52.3	61.9	68.4	72.9	72.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500		52.9	63.2	69.7	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000		56.8	67.1	74.2	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500		60.0	71.0	78.1	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000		63.9	74.8	81.9	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800		65.2	76.1	83.2	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500		66.5	77.4	85.2	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200		67.1	78.1	85.8	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		67.7	79.4	87.7	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		67.7	79.4	87.7	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800		68.4	80.7	89.0	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		68.4	80.7	89.0	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		68.4	80.7	89.0	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		68.4	80.7	89.0	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		69.0	81.3	89.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		69.0	81.3	89.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		69.0	81.3	89.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		69.0	81.3	89.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4
0		69.0	81.3	89.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUL
MONTH13
HOURS (G.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING															
≥ 20000		32.3	37.4	38.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000		36.8	42.6	45.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000		37.4	43.2	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000		37.4	43.2	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000		37.4	43.2	45.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
10000		37.4	43.9	46.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
9000		41.3	47.7	50.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
8000		41.3	47.7	50.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
7000		44.5	51.6	54.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
6000		44.5	51.6	54.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
5000		44.5	51.6	54.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
4500		45.2	52.3	54.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
4000		45.8	52.9	55.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
3500		46.5	54.8	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3000		54.2	63.9	68.4	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
2500		60.7	71.6	76.8	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
2000		71.6	83.9	89.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1800		71.6	83.9	89.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1500		72.3	85.2	91.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1200		73.6	86.5	92.3	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000		74.2	87.1	92.9	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		74.2	87.1	92.9	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		74.2	87.1	92.9	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		74.2	87.1	92.9	96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

2633

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

13754
STATION

CERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		40.0	45.2	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000		45.8	51.6	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000		46.5	52.3	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000		46.5	52.3	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 14000		46.5	52.3	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000		47.1	52.9	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000		51.6	58.1	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000		51.6	58.1	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000		56.8	63.2	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000		57.4	63.9	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000		57.4	63.9	67.7	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000		57.4	63.9	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500		57.4	63.9	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000		58.1	64.5	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500		61.3	67.7	71.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000		66.5	75.5	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500		70.3	81.3	85.8	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000		73.6	85.2	89.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800		73.6	85.2	89.7	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500		75.5	89.0	93.6	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		75.5	89.7	94.2	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		75.5	91.0	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

CEILING VERSUS VISIBILITY

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST.)

19

19

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		38.1	42.6	45.2	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000		47.1	55.5	60.0	60.7	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 18000		47.7	56.1	60.7	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000		47.7	56.1	60.7	61.3	62.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 14000		48.4	56.8	61.3	61.9	63.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000		49.0	57.4	61.9	62.6	63.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000		51.0	59.4	65.2	65.8	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000		51.0	59.4	65.2	65.8	67.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 8000		56.8	66.5	72.3	73.6	74.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000		57.4	67.1	74.2	75.5	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 6000		57.4	67.1	74.2	75.5	76.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000		59.4	69.0	76.1	77.4	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500		59.4	69.0	76.1	77.4	78.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000		60.0	69.7	76.8	78.1	79.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		60.7	71.0	78.1	79.4	80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000		62.6	74.8	82.6	84.5	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500		63.9	76.8	84.5	87.1	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000		66.5	79.4	87.1	89.7	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800		66.5	79.4	87.1	89.7	91.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500		67.7	81.9	89.7	92.3	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		67.7	81.9	89.7	92.3	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		68.4	82.6	90.3	92.9	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900		68.4	82.6	90.3	92.9	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		68.4	82.6	91.0	93.6	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700		68.4	82.6	91.0	93.6	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600		68.4	82.6	91.0	93.6	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500		68.4	82.6	91.0	93.6	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400		68.4	82.6	91.0	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		68.4	82.6	91.0	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		68.4	82.6	91.0	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		68.4	82.6	91.0	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0		68.4	82.6	91.0	94.2	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000		43.2	54.2	56.8	59.4	60.0	60.7	60.7	60.7	60.7	60.7
≥ 18000		47.7	59.4	62.6	65.8	66.5	68.4	68.4	68.4	68.4	68.4
≥ 16000		47.7	59.4	62.6	65.8	66.5	68.4	68.4	68.4	68.4	68.4
≥ 14000		47.7	59.4	62.6	65.8	66.5	68.4	68.4	68.4	68.4	68.4
≥ 12000		48.4	60.0	63.9	67.1	67.7	69.7	69.7	69.7	69.7	69.7
≥ 10000		49.0	61.3	65.8	69.0	69.7	71.6	71.6	71.6	71.6	71.6
≥ 9000		49.0	61.3	65.8	69.0	69.7	71.6	71.6	71.6	71.6	71.6
≥ 8000		53.6	68.4	74.2	77.4	78.1	80.0	80.0	80.0	80.0	80.0
≥ 7000		54.2	69.0	75.5	78.7	79.4	81.3	81.3	81.3	81.3	81.3
≥ 6000		54.2	69.0	75.5	78.7	79.4	81.3	81.3	81.3	81.3	81.3
≥ 5000		54.8	69.7	76.8	80.0	80.7	82.6	82.6	82.6	82.6	82.6
≥ 4500		54.8	69.7	76.8	80.0	80.7	82.6	82.6	82.6	82.6	82.6
≥ 4000		56.8	71.6	78.7	81.9	82.6	84.5	84.5	84.5	84.5	84.5
≥ 3500		56.8	71.6	78.7	81.9	82.6	84.5	84.5	84.5	84.5	84.5
≥ 3000		58.7	75.5	83.2	86.5	87.1	89.0	89.0	89.0	89.0	89.0
≥ 2500		59.4	77.4	86.5	90.3	91.6	93.6	93.6	93.6	93.6	93.6
≥ 2000		59.4	78.1	87.1	91.0	92.9	94.8	94.8	94.8	94.8	94.8
≥ 1800		59.4	78.1	87.1	91.0	92.9	94.8	94.8	94.8	94.8	94.8
≥ 1500		59.4	78.7	87.7	91.6	93.6	95.5	95.5	95.5	95.5	95.5
≥ 1200		59.4	79.4	88.4	92.3	94.2	96.1	96.1	96.1	96.1	96.1
≥ 1000		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 900		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 800		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 700		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 600		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 500		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 400		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 300		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 200		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
≥ 100		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7
0		60.0	80.7	90.3	94.2	96.1	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (GMT)

2629

MM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MM

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		37.0	46.9	51.3	55.1	55.3	56.1	56.1	56.1	56.2	56.3	56.3
≥ 18000		42.1	53.3	59.0	63.1	63.6	64.7	64.8	64.8	64.9	65.0	65.0
≥ 16000		42.3	53.6	59.3	63.4	63.9	65.0	65.1	65.1	65.2	65.3	65.3
≥ 14000		42.3	53.6	59.3	63.4	63.9	65.0	65.1	65.1	65.2	65.3	65.3
≥ 12000		42.5	53.7	59.4	63.6	64.0	65.2	65.2	65.2	65.4	65.5	65.5
≥ 10000		42.9	54.2	60.0	64.1	64.6	65.7	65.8	65.8	66.1	66.1	66.1
≥ 9000		45.2	56.8	63.2	67.3	67.8	69.0	69.1	69.1	69.4	69.4	69.4
≥ 8000		45.3	56.9	63.2	67.4	67.9	69.1	69.2	69.2	69.4	69.5	69.5
≥ 7000		49.0	61.5	68.4	73.2	73.8	75.2	75.2	75.2	75.5	75.6	75.6
≥ 6000		49.5	62.3	69.5	74.3	74.9	76.3	76.4	76.4	76.6	76.7	76.7
≥ 5000		49.7	62.4	69.7	74.4	75.1	76.5	76.5	76.5	76.8	76.9	76.9
≥ 4500		50.4	63.2	70.5	75.3	76.0	77.3	77.4	77.4	77.7	77.7	77.7
≥ 4000		50.4	63.2	70.5	75.3	76.0	77.3	77.4	77.4	77.7	77.7	77.7
≥ 3500		51.1	63.9	71.4	76.3	76.9	78.3	78.4	78.4	78.6	78.7	78.7
≥ 3000		51.9	65.1	72.7	77.7	78.4	79.8	79.8	79.8	80.1	80.2	80.2
≥ 2500		53.0	69.4	77.8	83.5	84.1	85.6	85.7	85.7	85.9	86.0	86.0
≥ 2000		56.9	72.4	81.5	87.5	88.2	89.8	89.9	89.9	90.2	90.2	90.2
≥ 1800		59.7	75.5	84.6	90.7	91.5	93.2	93.2	93.2	93.5	93.6	93.6
≥ 1500		59.8	75.7	84.8	90.9	91.7	93.3	93.4	93.4	93.6	93.7	93.7
≥ 1200		60.7	77.4	86.6	93.2	94.0	95.7	95.7	95.7	96.1	96.1	96.1
≥ 1000		60.9	77.9	87.1	93.7	94.6	96.2	96.4	96.4	96.7	96.9	96.9
≥ 900		61.2	78.6	88.0	94.9	96.1	97.8	98.0	98.0	98.3	98.5	98.5
≥ 800		61.2	78.6	88.0	94.9	96.1	97.8	98.0	98.0	98.3	98.5	98.5
≥ 700		61.3	78.8	88.2	95.2	96.3	98.1	98.2	98.2	98.6	98.7	98.7
≥ 600		61.3	78.8	88.2	95.2	96.5	98.3	98.5	98.5	98.8	99.0	99.0
≥ 500		61.3	78.8	88.3	95.4	96.7	98.5	98.6	98.6	99.0	99.2	99.2
≥ 400		61.4	79.0	88.4	95.6	96.9	98.6	98.8	98.8	99.2	99.4	99.4
≥ 300		61.4	79.0	88.5	95.7	96.9	98.7	98.9	98.9	99.3	99.5	99.5
≥ 200		61.4	79.0	88.5	95.7	96.9	98.7	98.9	98.9	99.3	99.5	99.5
≥ 100		61.4	79.0	88.5	95.7	96.9	98.7	98.9	98.9	99.3	99.5	99.5
0		61.4	79.0	88.5	95.7	96.9	98.7	98.9	98.9	99.3	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000	40.0	59.4	67.1	71.0	71.0	71.0	73.6	73.6	73.6	74.2	74.2	74.2
≥ 18000	41.9	63.2	71.0	75.5	75.5	75.5	78.1	78.1	78.1	79.4	79.4	79.4
≥ 16000	41.9	63.2	71.0	75.5	75.5	75.5	78.1	78.1	78.1	79.4	79.4	79.4
≥ 14000	41.9	63.2	71.0	75.5	75.5	75.5	78.1	78.1	78.1	79.4	79.4	79.4
≥ 12000	42.6	63.9	71.6	76.1	76.1	76.1	78.7	78.7	78.7	80.0	80.0	80.0
≥ 10000	42.6	64.5	72.9	77.4	77.4	77.4	80.0	80.0	80.0	81.3	81.3	81.3
≥ 9000	42.6	64.5	72.9	77.4	77.4	77.4	80.0	80.0	80.0	81.3	81.3	81.3
≥ 8000	43.9	67.7	76.8	81.3	81.3	81.3	83.9	83.9	83.9	85.2	85.2	85.2
≥ 7000	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 6000	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 5000	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 4500	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 4000	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 3500	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 3000	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 2500	44.5	68.4	77.4	81.9	81.9	81.9	84.5	84.5	84.5	85.8	85.8	85.8
≥ 2000	46.5	70.3	83.9	89.0	89.0	89.0	91.6	91.6	91.6	93.6	93.6	93.6
≥ 1800	46.5	70.3	83.9	89.0	89.0	89.0	91.6	91.6	91.6	93.6	93.6	93.6
≥ 1500	47.1	72.3	85.8	91.0	91.0	91.0	94.2	94.2	94.2	96.1	96.1	96.1
≥ 1200	47.1	72.3	85.8	91.0	91.0	91.0	94.2	94.2	94.2	96.1	96.1	96.1
≥ 1000	47.1	72.3	87.1	92.3	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1
≥ 900	47.1	72.3	87.1	92.3	92.3	92.3	96.1	96.1	96.1	98.1	98.1	98.1
≥ 800	47.7	72.9	87.7	92.9	92.9	92.9	96.8	96.8	96.8	98.7	98.7	98.7
≥ 700	47.7	72.9	87.7	92.9	92.9	92.9	96.8	96.8	96.8	98.7	98.7	98.7
≥ 600	47.7	72.9	87.7	92.9	92.9	92.9	96.8	96.8	96.8	98.7	98.7	98.7
≥ 500	47.7	74.2	89.0	94.2	94.2	94.2	98.1	98.1	98.1	100.0	100.0	100.0
≥ 400	47.7	74.2	89.0	94.2	94.2	94.2	98.1	98.1	98.1	100.0	100.0	100.0
≥ 300	47.7	74.2	89.0	94.2	94.2	94.2	98.1	98.1	98.1	100.0	100.0	100.0
≥ 200	47.7	74.2	89.0	94.2	94.2	94.2	98.1	98.1	98.1	100.0	100.0	100.0
≥ 100	47.7	74.2	89.0	94.2	94.2	94.2	98.1	98.1	98.1	100.0	100.0	100.0
0	47.7	74.2	89.0	94.2	94.2	94.2	98.1	98.1	98.1	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

2627

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		25.8	45.8	56.1	60.0	60.0	67.1	67.7	67.7	69.0	69.7	70.3	70.3
18000		28.4	48.4	60.0	63.9	65.2	74.2	74.8	74.8	76.1	77.4	78.7	78.7
16000		28.4	48.4	60.0	63.9	65.2	74.2	74.8	74.8	76.1	77.4	78.7	78.7
14000		28.4	48.4	60.0	63.9	65.2	74.2	74.8	74.8	76.1	77.4	78.7	78.7
12000		29.0	49.0	60.7	65.2	66.5	75.5	76.1	76.1	77.4	78.7	80.0	80.0
10000		29.0	49.7	61.3	65.8	67.1	76.1	76.8	76.8	78.7	80.0	81.3	81.3
9000		29.0	49.7	61.3	65.8	67.1	76.1	76.8	76.8	78.7	80.0	81.3	81.3
8000		31.0	51.6	63.2	67.7	69.0	78.1	79.4	79.4	81.3	82.6	83.9	83.9
7000		31.6	52.3	63.9	68.4	69.7	78.7	80.0	80.0	81.9	83.2	84.5	84.5
6000		31.6	52.3	63.9	68.4	69.7	78.7	80.0	80.0	81.9	83.2	84.5	84.5
5000		31.6	52.3	63.9	68.4	69.7	78.7	80.0	80.0	81.9	83.2	84.5	84.5
4500		31.6	52.3	63.9	68.4	69.7	78.7	80.0	80.0	81.9	83.2	84.5	84.5
4000		31.6	52.3	63.9	68.4	69.7	78.7	80.0	80.0	81.9	83.2	84.5	84.5
3500		31.6	52.3	63.9	68.4	69.7	78.7	80.0	80.0	81.9	83.2	84.5	84.5
3000		31.6	54.8	68.4	72.9	74.2	83.2	84.5	84.5	86.5	87.7	89.0	89.0
2500		31.6	54.8	69.0	74.8	76.1	85.2	86.5	86.5	88.4	89.7	91.0	91.0
2000		33.6	56.8	71.6	77.4	78.7	87.7	89.0	89.0	91.0	92.3	93.6	93.6
1800		34.2	57.4	72.3	78.1	79.4	88.4	89.7	89.7	91.6	92.9	94.2	94.2
1500		35.5	58.7	74.2	80.0	81.3	90.3	91.6	91.6	93.6	94.8	96.1	96.1
1200		35.5	58.7	74.2	80.0	81.3	90.3	91.6	91.6	93.6	94.8	96.1	96.1
1000		36.8	60.0	76.1	81.9	83.2	92.3	93.6	93.6	95.5	96.8	98.1	98.1
900		36.8	60.0	76.1	81.9	83.2	92.3	93.6	93.6	95.5	96.8	98.1	98.1
800		36.8	60.0	76.1	81.9	83.2	92.3	93.6	93.6	95.5	96.8	98.1	98.1
700		36.8	60.0	76.1	81.9	83.2	92.3	93.6	93.6	95.5	96.8	98.1	98.1
600		36.8	60.0	76.1	81.9	83.2	92.3	93.6	93.6	95.5	96.8	98.1	98.1
500		36.8	60.7	76.8	83.2	84.5	93.6	94.8	94.8	96.8	98.1	99.4	99.4
400		36.8	60.7	76.8	83.2	84.5	93.6	94.8	94.8	96.8	98.1	99.4	99.4
300		36.8	60.7	76.8	83.2	84.5	93.6	94.8	94.8	96.8	98.1	99.4	99.4
200		36.8	60.7	76.8	83.2	84.5	93.6	94.8	94.8	96.8	98.1	99.4	99.4
100		36.8	60.7	76.8	83.2	84.5	93.6	94.8	94.8	96.8	98.1	99.4	99.4
0		36.8	60.7	76.8	83.2	84.5	93.6	94.8	94.8	96.8	98.1	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														≥ 0
≥ 20000		23.9	33.6	40.0	47.1	49.0	51.0	52.3	52.3	52.3	52.9	52.9	55.5	56.1
18000		26.5	36.8	45.8	54.2	56.8	58.7	60.7	60.7	60.7	61.3	61.3	64.5	65.2
16000		26.5	38.1	47.1	55.5	58.1	60.0	61.9	61.9	61.9	62.6	62.6	65.8	66.5
14000		26.5	38.1	47.1	55.5	58.1	60.0	61.9	61.9	61.9	62.6	62.6	65.8	66.5
12000		27.1	38.7	47.7	56.1	58.7	60.7	62.6	62.6	62.6	63.2	63.2	66.5	67.1
10000		29.7	43.2	52.9	61.3	63.9	66.5	69.0	69.0	69.0	69.7	69.7	72.9	73.6
9000		29.7	43.2	52.9	61.3	63.9	66.5	69.0	69.0	69.0	69.7	69.7	72.9	73.6
8000		33.6	47.7	59.4	67.7	70.3	73.6	76.1	76.1	76.1	77.4	77.4	80.7	81.3
7000		34.2	49.0	60.7	69.0	71.6	74.8	77.4	77.4	77.4	78.7	78.7	81.9	82.6
6000		34.2	49.0	60.7	69.0	71.6	74.8	77.4	77.4	77.4	78.7	78.7	81.9	82.6
5000		34.2	49.0	60.7	69.0	71.6	74.8	77.4	77.4	77.4	78.7	78.7	81.9	82.6
4500		34.2	49.0	60.7	69.0	71.6	74.8	77.4	77.4	77.4	78.7	78.7	81.9	82.6
4000		34.8	49.7	61.3	70.3	72.9	76.1	78.7	78.7	78.7	80.0	80.0	83.2	83.9
3500		34.8	49.7	61.3	71.0	73.6	76.8	79.4	79.4	79.4	80.7	80.7	83.9	84.5
3000		35.5	51.0	62.6	72.3	74.8	78.7	81.3	81.3	81.3	82.6	82.6	85.8	86.5
2500		37.4	53.6	65.2	74.8	77.4	81.3	83.9	83.9	83.9	85.2	85.2	88.4	89.0
2000		37.4	53.6	65.2	74.8	77.4	81.3	83.9	83.9	83.9	85.2	85.2	88.4	89.0
1800		38.1	54.2	65.8	75.5	78.1	81.9	84.5	84.5	84.5	85.8	85.8	89.0	89.7
1500		38.1	54.8	67.1	76.8	79.4	83.2	85.8	85.8	85.8	87.1	87.1	90.3	91.0
1200		38.1	54.8	67.1	76.8	79.4	83.2	85.8	85.8	85.8	87.1	87.1	90.3	91.0
1000		38.1	55.5	67.7	78.7	81.3	85.2	87.7	87.7	87.7	89.0	89.0	92.3	92.9
900		38.1	55.5	67.7	78.7	81.3	85.2	87.7	87.7	87.7	89.0	89.0	92.3	92.9
800		38.1	55.5	67.7	78.7	81.3	85.2	87.7	87.7	87.7	89.0	89.0	92.3	92.9
700		38.1	55.5	68.4	79.4	81.9	85.8	89.0	89.0	89.0	90.3	90.3	93.6	94.2
600		38.1	55.5	68.4	79.4	81.9	85.8	89.0	89.0	89.0	90.3	90.3	93.6	94.2
500		38.7	56.1	69.7	80.7	83.9	87.7	91.0	91.0	91.0	92.3	92.3	95.5	96.1
400		38.7	56.1	69.7	80.7	83.9	87.7	91.0	91.0	91.0	92.3	92.3	95.5	96.1
300		38.7	56.1	69.7	80.7	83.9	87.7	91.0	91.0	91.0	92.3	92.3	95.5	96.1
200		38.7	56.1	69.7	80.7	83.9	87.7	91.0	91.0	91.0	92.3	92.3	95.5	96.1
100		38.7	56.1	70.3	81.3	84.5	89.0	92.3	92.3	92.3	94.8	94.8	98.7	99.4
0		38.7	56.1	70.3	81.3	84.5	89.0	92.3	92.3	92.3	94.8	94.8	98.7	99.4
		38.7	56.1	70.3	81.3	84.5	89.0	92.3	92.3	92.3	94.8	94.8	98.7	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (C.S.T.)

2625

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		35.5	44.5	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000		39.4	49.0	51.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000		39.4	49.0	51.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 14000		39.4	49.0	51.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000		39.4	49.0	51.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000		41.9	52.3	54.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000		41.9	52.3	54.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4
8000		43.2	54.2	57.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
7000		45.8	57.4	60.7	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
6000		45.8	57.4	60.7	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
5000		45.8	57.4	60.7	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
4500		46.5	58.1	61.3	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
4000		46.5	58.1	61.3	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9
3500		47.1	58.7	61.9	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5
3000		51.6	63.9	67.1	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
2500		54.2	67.1	71.0	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6
2000		60.0	72.9	76.8	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0
1800		60.7	73.6	77.4	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7
1500		66.5	79.4	83.2	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1200		67.7	81.3	85.2	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1000		72.9	87.1	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
900		72.9	87.1	91.6	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
800		73.6	87.7	92.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700		73.6	87.7	92.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600		73.6	87.7	92.3	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500		73.6	88.4	92.9	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400		73.6	88.4	92.9	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300		74.2	89.0	93.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		74.2	89.0	93.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		74.2	89.0	93.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		74.2	89.0	93.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000	29.7	36.8	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
18000	35.5	43.9	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
16000	35.5	43.9	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
14000	35.5	43.9	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
12000	37.4	45.8	48.4	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
10000	39.4	47.7	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
9000	39.4	47.7	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
8000	46.5	54.8	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
7000	47.1	55.5	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
6000	47.1	55.5	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
5000	47.1	56.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
4500	47.1	56.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
4000	47.1	56.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
3500	47.1	56.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
3000	52.9	63.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2500	63.2	74.8	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
2000	67.1	79.4	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1800	67.7	80.0	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1500	70.3	82.6	88.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1200	71.6	84.5	91.0	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1000	73.6	86.5	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
900	73.6	86.5	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
800	73.6	86.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
700	73.6	86.5	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
600	73.6	86.5	94.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
500	73.6	86.5	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400	73.6	86.5	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300	73.6	86.5	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	73.6	86.5	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	73.6	86.5	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	73.6	86.5	94.8	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		38.1	41.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
18000		43.9	49.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
16000		43.9	49.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
14000		44.5	50.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
12000		44.5	50.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
10000		47.1	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
9000		47.1	52.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
8000		51.6	58.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
7000		53.6	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
6000		53.6	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
5000		53.6	60.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
4500		53.6	60.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
4000		53.6	60.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
3500		53.6	60.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
3000		58.1	67.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
2500		63.9	72.9	77.4	77.4	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7
2000		68.4	78.1	83.9	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2
1800		68.4	78.1	83.9	83.9	83.9	84.5	84.5	84.5	85.2	85.2	85.2	85.2
1500		72.9	84.5	91.0	91.0	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6
1200		72.9	84.5	91.0	91.0	91.6	92.9	92.9	92.9	93.6	93.6	93.6	93.6
1000		75.5	87.1	94.2	94.2	94.8	96.1	96.1	96.1	96.8	96.8	96.8	96.8
900		76.1	87.7	94.8	94.8	95.5	96.8	96.8	96.8	97.4	97.4	97.4	97.4
800		76.8	88.4	95.5	95.5	96.1	97.4	97.4	97.4	98.1	98.1	98.1	98.1
700		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
600		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
500		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
400		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
300		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
200		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
100		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7
0		76.8	88.4	96.1	96.1	96.8	98.1	98.1	98.1	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		47.1	50.3	53.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000		52.9	58.7	62.6	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000		53.6	59.4	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 16000		53.6	59.4	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 14000		53.6	59.4	63.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000		54.8	60.7	65.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000		57.4	63.9	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 9000		57.4	63.9	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 8000		65.2	72.3	76.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000		67.1	74.2	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000		67.1	74.2	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000		67.1	74.2	79.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500		68.4	75.5	80.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000		69.0	76.1	81.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		70.3	77.4	83.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000		71.6	78.7	85.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500		72.3	79.4	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000		72.3	79.4	86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800		74.8	83.9	91.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		75.5	84.5	91.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200		76.8	85.8	92.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000		76.8	85.8	92.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900		77.4	86.5	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		77.4	86.5	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		77.4	86.5	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600		77.4	86.5	93.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500		77.4	87.1	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400		77.4	87.1	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300		77.4	87.1	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200		77.4	87.1	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100		77.4	87.1	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0		77.4	87.1	94.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (P. M.)

2621

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNP

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING		47.1	58.1	64.5	66.5	66.5	67.7	67.7	67.7	68.4	68.4	68.4	68.4
≥ 20000		51.6	63.9	71.6	73.6	73.6	74.8	74.8	74.8	76.1	76.1	76.1	76.1
≥ 18000		51.6	63.9	71.6	73.6	73.6	74.8	74.8	74.8	76.1	76.1	76.1	76.1
≥ 16000		51.6	63.9	71.6	73.6	73.6	74.8	74.8	74.8	76.1	76.1	76.1	76.1
≥ 14000		51.6	63.9	72.3	74.2	74.2	75.5	75.5	76.8	76.8	76.8	76.8	76.8
≥ 12000		52.3	64.5	72.9	75.5	75.5	76.8	76.8	78.1	78.1	78.1	78.1	78.1
≥ 10000		55.5	68.4	78.1	80.7	80.7	81.9	81.9	83.2	83.2	83.2	83.2	83.2
≥ 9000		55.5	68.4	78.1	80.7	80.7	81.9	81.9	83.2	83.2	83.2	83.2	83.2
≥ 8000		58.1	71.6	81.3	83.9	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5
≥ 7000		58.1	71.6	81.3	83.9	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5
≥ 6000		58.1	71.6	81.3	83.9	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5
≥ 5000		58.1	71.6	81.3	83.9	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5
≥ 4500		58.1	71.6	81.3	83.9	83.9	85.2	85.2	86.5	86.5	86.5	86.5	86.5
≥ 4000		58.7	72.3	81.9	84.5	84.5	85.8	85.8	87.1	87.1	87.1	87.1	87.1
≥ 3500		58.7	72.3	81.9	84.5	84.5	85.8	85.8	87.1	87.1	87.1	87.1	87.1
≥ 3000		58.7	72.9	83.2	85.8	85.8	87.1	87.1	88.4	88.4	88.4	88.4	88.4
≥ 2500		60.0	74.2	84.5	87.1	87.1	88.4	88.4	89.7	89.7	89.7	89.7	89.7
≥ 2000		61.3	76.1	87.1	90.3	90.3	91.6	91.6	92.9	92.9	92.9	92.9	92.9
≥ 1800		61.3	76.1	87.1	90.3	90.3	91.6	91.6	92.9	92.9	92.9	92.9	92.9
≥ 1500		61.9	77.4	89.0	92.3	92.3	93.6	93.6	94.8	94.8	94.8	94.8	94.8
≥ 1200		62.6	78.1	89.7	92.9	92.9	94.2	94.2	95.5	95.5	95.5	95.5	95.5
≥ 1000		63.9	80.0	92.3	96.1	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7
≥ 900		63.9	80.0	92.3	96.1	96.1	97.4	97.4	98.7	98.7	98.7	98.7	98.7
≥ 800		64.5	80.7	92.9	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4	99.4
≥ 700		64.5	80.7	92.9	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4	99.4
≥ 600		64.5	80.7	92.9	96.8	96.8	98.1	98.1	99.4	99.4	99.4	99.4	99.4
≥ 500		64.5	81.3	93.6	97.4	97.4	98.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 400		64.5	81.3	93.6	97.4	97.4	98.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 300		64.5	81.3	93.6	97.4	97.4	98.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 200		64.5	81.3	93.6	97.4	97.4	98.7	98.7	100.0	100.0	100.0	100.0	100.0
≥ 100		64.5	81.3	93.6	97.4	97.4	98.7	98.7	100.0	100.0	100.0	100.0	100.0
0		64.5	81.3	93.6	97.4	97.4	98.7	98.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000		35.9	46.3	51.4	54.0	54.2	55.8	56.1	56.1	56.4	56.5	56.9	57.0
≥ 18000		40.0	51.6	57.5	60.5	61.0	62.8	63.2	63.2	63.6	63.9	64.4	64.5
≥ 16000		40.1	51.9	57.7	60.7	61.2	63.1	63.4	63.4	63.9	64.1	64.7	64.8
≥ 14000		40.1	51.9	57.7	60.7	61.2	63.1	63.4	63.4	63.9	64.1	64.7	64.8
≥ 12000		40.2	52.0	58.0	61.0	61.5	63.3	63.6	63.6	64.1	64.4	64.9	65.0
≥ 10000		40.9	52.8	58.9	62.0	62.5	64.4	64.7	64.7	65.2	65.4	66.0	66.1
≥ 9000		42.8	55.3	61.8	64.9	65.5	67.4	67.8	67.8	68.4	68.6	69.2	69.3
≥ 8000		42.8	55.3	61.8	64.9	65.5	67.4	67.8	67.8	68.4	68.6	69.2	69.3
≥ 7000		46.6	59.8	66.8	69.9	70.5	72.5	73.0	73.0	73.6	73.9	74.4	74.5
≥ 6000		47.7	61.1	68.2	71.3	71.9	73.9	74.4	74.4	74.9	75.2	75.8	75.9
≥ 5000		47.7	61.1	68.2	71.3	71.9	73.9	74.4	74.4	74.9	75.2	75.8	75.9
≥ 4500		47.8	61.3	68.5	71.7	72.3	74.3	74.8	74.8	75.3	75.7	76.2	76.3
≥ 4000		48.2	61.6	68.9	72.1	72.7	74.7	75.2	75.2	75.7	76.1	76.6	76.7
≥ 3500		48.3	61.8	69.0	72.3	72.9	74.9	75.4	75.4	76.0	76.3	76.9	76.9
≥ 3000		50.4	64.8	72.9	76.2	76.8	78.9	79.4	79.4	80.1	80.4	81.0	81.1
≥ 2500		53.3	68.1	76.6	80.1	80.7	82.8	83.4	83.4	84.1	84.4	85.0	85.1
≥ 2000		55.8	70.8	79.9	83.8	84.4	86.5	87.1	87.1	87.8	88.2	88.8	88.9
≥ 1800		56.1	71.1	80.2	84.1	84.7	86.9	87.4	87.4	88.2	88.6	89.1	89.2
≥ 1500		58.4	74.2	83.7	87.8	88.5	90.8	91.4	91.4	92.1	92.5	93.1	93.2
≥ 1200		58.9	74.8	84.4	88.6	89.2	91.5	92.1	92.1	92.8	93.2	93.8	93.9
≥ 1000		60.6	76.8	86.9	91.2	91.9	94.4	94.9	94.9	95.9	96.1	96.7	96.8
≥ 900		60.6	76.8	86.9	91.2	91.9	94.4	95.1	95.1	95.9	96.3	96.9	96.9
≥ 800		61.0	77.2	87.4	91.8	92.5	95.0	95.7	95.7	96.6	97.0	97.6	97.7
≥ 700		61.1	77.3	87.5	91.9	92.6	95.1	95.8	95.8	96.7	97.1	97.7	97.8
≥ 600		61.1	77.3	87.7	92.1	92.8	95.3	96.1	96.1	97.0	97.4	98.0	98.2
≥ 500		61.1	77.8	88.4	93.0	93.8	96.4	97.3	97.3	98.2	98.6	99.2	99.4
≥ 400		61.1	77.8	88.4	93.0	93.8	96.4	97.3	97.3	98.2	98.7	99.3	99.4
≥ 300		61.2	77.9	88.5	93.1	93.9	96.5	97.4	97.4	98.4	99.0	99.6	99.8
≥ 200		61.2	77.9	88.6	93.2	94.0	96.6	97.5	97.5	98.5	99.0	99.7	99.8
≥ 100		61.2	77.9	88.6	93.2	94.0	96.6	97.5	97.5	98.5	99.0	99.7	99.8
≥ 0		61.2	77.9	88.6	93.2	94.0	96.6	97.5	97.5	98.5	99.0	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1
HOURS (C.S.T.)

2619

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		42.0	52.7	62.0	65.3	65.3	66.0	66.7	66.7	66.7	66.7	66.7	67.3	67.3	67.3
≥ 20000		45.3	57.3	67.3	70.7	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7
18000	AI AI	45.3	57.3	67.3	70.7	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7
16000	AI AI	45.3	57.3	67.3	70.7	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7
14000	AI AI	45.3	57.3	67.3	70.7	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7
12000	AI AI	45.3	57.3	67.3	70.7	70.7	71.3	72.0	72.0	72.0	72.0	72.0	72.7	72.7	72.7
10000	AI AI	47.3	60.0	70.0	74.0	74.0	74.0	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0
9000	AI AI	47.3	60.0	70.0	74.0	74.0	74.0	75.3	75.3	75.3	75.3	75.3	76.0	76.0	76.0
8000	AI AI	50.7	66.0	77.3	81.3	81.3	82.0	82.7	82.7	82.7	82.7	82.7	83.3	83.3	83.3
7000	AI AI	52.0	67.3	78.7	82.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.7	84.7	84.7
6000	AI AI	52.0	67.3	78.7	82.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.7	84.7	84.7
5000	AI AI	52.7	68.0	79.3	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3
4500	AI AI	52.7	68.0	79.3	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	85.3	85.3	85.3
4000	AI AI	53.3	68.7	80.0	84.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	86.0	86.0	86.0
3500	AI AI	54.0	69.3	80.7	84.7	84.7	85.3	86.0	86.0	86.0	86.0	86.0	86.7	86.7	86.7
3000	AI AI	55.3	71.3	83.3	88.0	88.0	88.7	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.0
2500	AI AI	56.0	72.0	84.7	90.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.7	92.7	92.7
2000	AI AI	56.7	73.3	86.7	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7
1800	AI AI	56.7	73.3	86.7	92.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.7	94.7	94.7
1500	AI AI	56.7	73.3	86.7	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
1200	AI AI	56.7	73.3	86.7	93.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	95.3	95.3	95.3
1000	AI AI	57.3	76.0	90.0	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
900	AI AI	57.3	76.0	90.0	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
800	AI AI	57.3	76.0	90.0	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
700	AI AI	57.3	76.0	90.0	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
600	AI AI	57.3	76.0	90.0	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.7	98.7	98.7
500	AI AI	57.3	76.7	90.7	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
400	AI AI	57.3	76.7	90.7	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
300	AI AI	57.3	76.7	90.7	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
200	AI AI	57.3	76.7	90.7	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
100	AI AI	57.3	76.7	90.7	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0
0	AI AI	57.3	76.7	90.7	97.3	97.3	98.7	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		34.7	45.3	58.0	60.7	60.7	64.7	65.3	65.3	65.3	65.3	66.0
≥ 18000		36.0	46.7	59.3	62.7	62.7	66.7	67.3	67.3	67.3	67.3	68.0
≥ 16000		36.0	46.7	59.3	62.7	62.7	66.7	67.3	67.3	67.3	67.3	68.0
≥ 14000		36.0	46.7	59.3	62.7	62.7	66.7	67.3	67.3	67.3	67.3	68.0
≥ 12000		36.0	46.7	59.3	62.7	62.7	66.7	67.3	67.3	67.3	67.3	68.0
≥ 10000		36.7	47.3	60.0	63.3	63.3	67.3	68.0	68.0	68.0	68.0	68.7
≥ 9000		38.7	49.3	62.0	65.3	65.3	69.3	70.0	70.0	70.0	70.0	70.7
≥ 8000		38.7	49.3	62.0	65.3	65.3	69.3	70.0	70.0	70.0	70.0	70.7
≥ 7000		40.0	51.3	64.0	68.0	68.0	72.0	72.7	72.7	72.7	72.7	73.3
≥ 6000		40.0	51.3	64.0	68.0	68.0	72.0	72.7	72.7	72.7	72.7	73.3
≥ 5000		40.0	51.3	65.3	70.0	70.0	74.0	74.7	74.7	74.7	74.7	75.3
≥ 4500		40.0	51.3	65.3	70.0	70.0	74.0	74.7	74.7	74.7	74.7	75.3
≥ 4000		40.0	52.0	66.7	71.3	71.3	75.3	76.0	76.0	76.0	76.0	76.7
≥ 3500		40.7	52.7	67.3	72.0	72.0	76.0	76.7	76.7	76.7	76.7	77.3
≥ 3000		42.7	54.7	70.0	76.0	76.0	80.7	81.3	81.3	81.3	81.3	82.0
≥ 2500		44.7	56.7	72.0	78.0	78.0	82.7	83.3	83.3	83.3	83.3	84.0
≥ 2000		45.3	59.3	74.7	80.7	80.7	85.3	86.0	86.0	86.0	86.0	86.7
≥ 1800		45.3	59.3	74.7	80.7	80.7	85.3	86.0	86.0	86.0	86.0	86.7
≥ 1500		45.3	61.3	76.7	82.7	82.7	88.7	89.3	89.3	89.3	89.3	90.0
≥ 1200		45.3	61.3	77.3	83.3	83.3	89.3	90.0	90.0	90.0	90.0	90.7
≥ 1000		46.0	62.0	78.7	84.7	84.7	90.7	91.3	91.3	92.0	92.0	92.7
≥ 900		46.0	62.0	78.7	84.7	84.7	91.3	92.0	92.0	92.7	92.7	93.3
≥ 800		46.0	62.7	79.3	86.0	86.0	92.7	93.3	93.3	94.0	94.0	94.7
≥ 700		46.0	62.7	79.3	86.0	86.0	92.7	93.3	93.3	94.0	94.0	94.7
≥ 600		46.0	62.7	79.3	86.0	86.0	92.7	93.3	93.3	94.0	94.0	94.7
≥ 500		47.3	64.0	80.7	88.0	88.0	94.7	95.3	95.3	96.0	96.7	97.3
≥ 400		47.3	64.0	80.7	88.0	88.0	94.7	95.3	95.3	96.0	96.7	97.3
≥ 300		48.0	64.7	81.3	89.3	89.3	96.0	96.7	96.7	97.3	98.0	98.7
≥ 200		48.0	64.7	81.3	89.3	89.3	96.0	96.7	96.7	97.3	98.0	98.7
≥ 100		48.0	64.7	81.3	89.3	89.3	96.0	96.7	96.7	97.3	98.0	98.7
0		48.0	64.7	81.3	89.3	89.3	96.0	96.7	96.7	97.3	98.0	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

2617

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000	21.3	32.7	39.3	44.7	46.7	49.3	51.3	51.3	51.3	52.7	53.3	53.3	53.3	53.3	54.0
≥ 18000	24.7	37.3	45.3	52.0	54.0	58.0	60.0	60.0	60.0	61.3	62.0	62.0	62.0	62.0	62.7
≥ 16000	24.7	37.3	45.3	52.0	54.0	58.0	60.0	60.0	60.0	61.3	62.0	62.0	62.0	62.0	62.7
≥ 14000	24.7	37.3	45.3	52.0	54.0	58.0	60.0	60.0	60.0	61.3	62.0	62.0	62.0	62.0	62.7
≥ 12000	25.3	38.7	46.7	53.3	55.3	59.3	61.3	61.3	61.3	62.7	63.3	63.3	63.3	63.3	64.0
≥ 10000	26.7	40.7	50.0	56.7	59.3	63.3	66.0	66.0	66.0	67.3	68.0	68.0	68.0	68.0	68.7
≥ 9000	26.7	40.7	50.0	56.7	59.3	63.3	66.0	66.0	66.0	67.3	68.0	68.0	68.0	68.0	68.7
≥ 8000	30.7	46.7	56.0	62.7	65.3	70.0	72.7	72.7	72.7	74.0	75.3	75.3	75.3	75.3	76.0
≥ 7000	30.7	46.7	56.0	62.7	65.3	70.0	72.7	72.7	72.7	74.0	75.3	75.3	75.3	75.3	76.0
≥ 6000	30.7	46.7	56.0	62.7	65.3	70.0	72.7	72.7	72.7	74.0	75.3	75.3	75.3	75.3	76.0
≥ 5000	31.3	47.3	56.7	63.3	66.0	70.7	73.3	73.3	73.3	74.7	76.0	76.0	76.0	76.0	76.7
≥ 4500	31.3	47.3	56.7	64.0	66.7	71.3	74.0	74.0	74.0	75.3	76.7	76.7	76.7	76.7	77.3
≥ 4000	31.3	47.3	56.7	64.0	66.7	71.3	74.0	74.0	74.0	75.3	76.7	76.7	76.7	76.7	77.3
≥ 3500	32.0	48.0	57.3	64.7	67.3	72.0	74.7	74.7	74.7	76.0	77.3	77.3	77.3	77.3	78.0
≥ 3000	34.0	51.3	60.7	68.0	70.7	75.3	78.0	78.0	78.0	79.3	81.3	81.3	81.3	81.3	82.0
≥ 2500	35.3	54.0	64.0	71.3	74.0	78.7	82.0	82.0	82.0	83.3	85.3	85.3	85.3	85.3	86.0
≥ 2000	36.0	55.3	65.3	73.3	76.0	80.7	84.0	84.0	84.0	85.3	87.3	87.3	87.3	87.3	88.0
≥ 1800	36.7	56.0	66.0	74.0	76.7	81.3	84.7	84.7	84.7	86.0	88.0	88.0	88.0	88.0	88.7
≥ 1500	36.7	56.0	66.0	74.0	76.7	82.7	86.0	86.0	86.0	87.3	89.3	89.3	89.3	89.3	90.0
≥ 1200	36.7	56.0	66.0	74.0	76.7	82.7	86.0	86.0	86.0	87.3	89.3	89.3	89.3	89.3	90.0
≥ 1000	37.3	57.3	67.3	75.3	78.0	84.7	88.0	88.0	88.0	89.3	91.3	91.3	91.3	91.3	92.0
≥ 900	38.7	58.7	68.7	77.3	80.0	86.7	90.0	90.0	90.0	91.3	93.3	93.3	93.3	93.3	94.0
≥ 800	39.3	60.0	70.0	78.7	81.3	88.0	91.3	91.3	91.3	92.7	94.7	94.7	94.7	94.7	95.3
≥ 700	39.3	60.0	70.0	78.7	81.3	88.0	91.3	91.3	91.3	92.7	94.7	94.7	94.7	94.7	95.3
≥ 600	39.3	60.0	70.0	79.3	82.0	88.7	92.0	92.0	92.0	93.3	95.3	95.3	95.3	95.3	96.0
≥ 500	39.3	60.0	70.0	79.3	82.7	89.3	92.7	92.7	92.7	94.0	96.0	96.0	96.0	96.0	96.7
≥ 400	39.3	60.0	70.7	80.0	84.0	90.7	94.0	94.0	94.0	95.3	97.3	97.3	97.3	97.3	98.0
≥ 300	39.3	60.0	70.7	80.0	84.7	91.3	94.7	94.7	94.7	96.0	98.0	98.0	98.0	98.0	98.7
≥ 200	39.3	60.0	70.7	80.0	84.7	91.3	94.7	94.7	94.7	96.0	98.0	98.0	98.0	98.0	98.7
≥ 100	39.3	60.0	70.7	80.0	84.7	91.3	94.7	94.7	94.7	96.0	98.0	98.0	98.0	98.0	99.3
≥ 0	39.3	60.0	70.7	80.0	84.7	91.3	94.7	94.7	94.7	96.0	98.0	98.0	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		33.3	39.3	44.7	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
18000		38.7	46.0	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
16000		38.7	46.0	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
14000		38.7	46.0	51.3	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
12000		39.3	46.7	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
10000		42.7	50.0	55.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
9000		42.7	50.0	55.3	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7
8000		43.3	52.0	57.3	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7
7000		44.0	52.7	58.0	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3
6000		44.7	53.3	58.7	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0
5000		45.3	54.0	59.3	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7
4500		45.3	54.7	60.0	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3
4000		46.0	55.3	60.7	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7
3500		46.7	56.0	61.3	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3
3000		52.7	63.3	68.7	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7
2500		60.0	73.3	78.7	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7
2000		62.7	77.3	82.7	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7
1800		62.7	77.3	82.7	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7
1500		66.7	81.3	86.7	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7
1200		67.3	83.3	88.7	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7
1000		68.0	86.7	92.7	94.0	94.0	94.7	95.3	95.3	95.3	95.3	95.3
900		68.7	88.0	94.0	95.3	95.3	96.0	96.7	96.7	96.7	96.7	96.7
800		68.7	89.3	95.3	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0
700		68.7	90.0	96.0	97.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7
600		69.3	90.7	96.7	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3
500		69.3	90.7	97.3	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0
400		69.3	90.7	97.3	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0
300		69.3	90.7	97.3	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0
200		69.3	90.7	97.3	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0
100		69.3	90.7	97.3	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0
0		69.3	90.7	97.3	98.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12
HOURS (P. T.)

2615

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING		27.3	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 20000		32.0	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000		32.0	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 16000		32.0	36.0	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 14000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 12000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 10000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 9000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 8000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 7000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 6000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 5000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 4500		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 4000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 3500		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 3000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 2500		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 2000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1800		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1500		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1200		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 1000		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 900		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 800		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 700		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 600		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 500		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 400		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 300		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 200		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 100		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 0		32.0	36.0	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		39.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
18000		48.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
16000		50.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
14000		50.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
12000		50.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
10000		51.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000		53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
8000		53.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
7000		58.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
6000		60.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
5000		60.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
4500		60.0	64.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
4000		61.3	65.3	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
3500		62.0	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
3000		72.0	76.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2500		76.0	82.0	83.3	84.7	84.7	84.7	86.0	86.0	86.0	86.0	86.0
2000		78.7	84.7	86.0	88.0	88.0	88.0	89.3	89.3	89.3	89.3	89.3
1800		78.7	84.7	86.0	88.0	88.0	88.0	89.3	89.3	89.3	89.3	89.3
1500		84.0	90.0	91.3	93.3	93.3	94.7	94.7	94.7	95.3	95.3	95.3
1200		84.7	90.7	92.7	94.7	94.7	96.0	96.0	96.0	96.7	96.7	96.7
1000		85.3	92.0	94.0	96.0	96.0	97.3	97.3	97.3	98.0	98.0	98.0
900		85.3	92.0	94.0	96.0	96.0	97.3	97.3	97.3	98.0	98.0	98.0
800		85.3	92.7	94.7	96.7	96.7	98.0	98.0	98.0	98.7	98.7	98.7
700		85.3	92.7	94.7	96.7	96.7	98.0	98.0	98.0	98.7	98.7	98.7
600		85.3	92.7	94.7	96.7	96.7	98.0	98.0	98.0	98.7	98.7	98.7
500		85.3	93.3	95.3	97.3	97.3	98.7	98.7	98.7	99.3	99.3	99.3
400		85.3	93.3	95.3	97.3	97.3	98.7	98.7	98.7	99.3	99.3	99.3
300		85.3	93.3	95.3	97.3	97.3	98.7	98.7	98.7	99.3	99.3	99.3
200		85.3	93.3	95.3	97.3	97.3	98.7	98.7	98.7	99.3	99.3	99.3
100		85.3	93.3	95.3	97.3	97.3	98.7	98.7	98.7	99.3	99.3	99.3
0		85.3	93.3	95.3	97.3	97.3	98.7	98.7	98.7	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (U.S.T.)

2613

MMHH

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MMHH

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000		46.0	52.0	54.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000		52.7	59.3	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000		52.7	59.3	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000		52.7	59.3	62.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000		53.3	60.0	63.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 10000		54.0	60.7	64.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 9000		55.3	62.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000		55.3	62.7	67.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000		60.0	68.7	74.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000		61.3	70.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 5000		61.3	70.0	75.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500		62.0	71.3	76.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000		62.0	72.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500		64.0	74.0	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000		64.7	74.7	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500		66.0	76.7	83.3	84.7	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000		68.0	78.7	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800		70.0	81.3	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		70.0	81.3	90.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200		70.7	82.0	90.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0
≥ 1000		70.7	82.0	90.7	92.7	93.3	94.0	94.0	94.0	94.0	94.0
≥ 900		74.7	86.0	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7
≥ 800		74.7	86.0	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7
≥ 700		74.7	86.0	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7
≥ 600		74.7	86.0	95.3	97.3	98.0	98.7	98.7	98.7	98.7	98.7
≥ 500		74.7	86.7	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3
≥ 400		74.7	86.7	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3
≥ 300		74.7	86.7	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3
≥ 200		74.7	86.7	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3
≥ 100		74.7	86.7	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3
0		74.7	86.7	96.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

120

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		50.0	56.7	60.7	61.3	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000		54.0	61.3	66.0	66.7	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000		54.0	61.3	66.0	66.7	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 14000		54.0	61.3	66.0	66.7	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000		54.7	62.0	66.7	67.3	67.3	68.0	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000		55.3	62.7	67.3	68.0	68.0	68.7	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000		56.7	64.0	69.3	70.0	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000		56.7	64.0	69.3	70.0	70.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000		60.7	70.0	76.7	78.0	78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000		60.7	70.0	77.3	78.7	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000		60.7	70.7	78.0	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500		60.7	70.7	78.0	79.3	79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000		62.7	72.7	80.0	81.3	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500		64.0	74.7	82.0	83.3	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000		65.3	76.0	84.7	87.3	87.3	88.0	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500		66.7	78.0	88.0	90.7	90.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000		66.7	78.7	88.7	91.3	91.3	92.0	93.3	94.0	94.0	94.0	94.0	94.0
≥ 1800		66.7	78.7	88.7	91.3	91.3	92.0	93.3	94.0	94.0	94.0	94.0	94.0
≥ 1500		67.3	79.3	90.0	92.7	92.7	93.3	94.7	95.3	95.3	95.3	95.3	95.3
≥ 1200		67.3	79.3	90.0	93.3	93.3	94.0	95.3	96.0	96.0	96.0	96.0	96.0
≥ 1000		67.3	80.7	93.3	96.7	96.7	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 900		67.3	80.7	93.3	96.7	96.7	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 800		67.3	80.7	93.3	96.7	96.7	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 700		67.3	80.7	93.3	96.7	96.7	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 600		67.3	80.7	93.3	96.7	96.7	97.3	98.7	99.3	99.3	99.3	99.3	99.3
≥ 500		67.3	81.3	94.0	97.3	97.3	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 400		67.3	81.3	94.0	97.3	97.3	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 300		67.3	81.3	94.0	97.3	97.3	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 200		67.3	81.3	94.0	97.3	97.3	98.0	99.3	100.0	100.0	100.0	100.0	100.0
≥ 100		67.3	81.3	94.0	97.3	97.3	98.0	99.3	100.0	100.0	100.0	100.0	100.0
0		67.3	81.3	94.0	97.3	97.3	98.0	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

1234 - 18766

5703 CEILING VERSUS VISIBILITY JAN 68

HHHH

HHH

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST.)

2611

MMHH

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MMHH

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING												
≥ 20000	36.8	44.1	49.3	51.0	51.3	52.8	52.8	52.8	52.8	53.0	53.2	53.2
≥ 18000	41.5	49.5	55.1	57.1	57.3	58.5	59.0	59.0	59.2	59.3	59.4	59.4
≥ 16000	41.7	49.7	55.3	57.3	57.6	58.8	59.3	59.3	59.4	59.4	59.6	59.6
≥ 14000	41.8	49.8	55.5	57.5	57.8	58.9	59.4	59.4	59.6	59.7	59.8	59.8
≥ 12000	42.5	50.6	56.3	58.3	58.6	59.8	60.3	60.3	60.4	60.5	60.7	60.7
≥ 10000	44.5	52.8	58.9	61.0	61.3	62.5	63.2	63.2	63.3	63.4	63.6	63.6
≥ 9000	44.5	52.8	58.9	61.0	61.3	62.5	63.2	63.2	63.3	63.4	63.6	63.6
8000	48.0	57.7	64.3	66.5	66.8	68.1	68.8	68.8	68.9	69.1	69.3	69.3
7000	48.8	58.5	65.2	67.5	67.8	69.1	69.8	69.8	69.9	70.1	70.3	70.3
6000	49.0	58.7	65.4	67.7	68.0	69.3	69.9	69.9	70.1	70.3	70.4	70.4
5000	49.3	59.3	66.2	68.5	68.8	70.1	70.8	70.8	70.9	71.1	71.3	71.3
4500	49.3	59.4	66.3	68.8	69.1	70.3	71.0	71.0	71.2	71.3	71.5	71.5
4000	50.3	60.4	67.4	70.0	70.3	71.6	72.3	72.3	72.4	72.6	72.8	72.8
3500	51.2	61.4	68.5	71.1	71.5	72.8	73.4	73.4	73.6	73.8	73.9	73.9
3000	55.8	66.6	74.2	77.3	77.7	79.0	79.7	79.7	79.8	80.1	80.3	80.3
2500	59.2	70.9	78.9	82.2	82.6	84.2	84.9	84.9	85.1	85.3	85.5	85.5
2000	61.3	73.8	82.1	85.6	86.1	87.7	88.4	88.4	88.6	88.8	89.0	89.0
1800	61.4	73.9	82.2	85.7	86.2	87.8	88.5	88.5	88.7	88.9	89.1	89.1
1500	63.5	76.3	84.9	88.5	89.0	91.0	91.8	91.8	92.0	92.3	92.4	92.4
1200	63.9	77.0	85.8	89.4	89.9	91.9	92.7	92.7	92.9	93.2	93.3	93.3
1000	65.1	79.1	88.4	92.1	92.6	94.8	95.6	95.6	95.9	96.2	96.3	96.3
900	65.3	79.4	88.8	92.5	93.0	95.3	96.1	96.1	96.4	96.7	96.8	96.8
800	65.4	79.9	89.3	93.2	93.7	96.2	96.9	96.9	97.2	97.6	97.9	97.9
700	65.4	80.0	89.4	93.3	93.8	96.3	97.0	97.0	97.4	97.7	98.0	98.0
600	65.5	80.2	89.6	93.5	94.0	96.5	97.3	97.3	97.7	97.9	98.2	98.2
500	65.7	80.6	90.2	94.3	94.8	97.3	98.1	98.1	98.5	98.8	99.2	99.2
400	65.7	80.6	90.3	94.3	95.0	97.5	98.3	98.3	98.7	99.0	99.3	99.3
300	65.8	80.7	90.3	94.5	95.3	97.8	98.5	98.5	98.9	99.3	99.6	99.6
200	65.8	80.7	90.3	94.5	95.3	97.8	98.5	98.5	98.9	99.3	99.6	99.6
100	65.8	80.7	90.3	94.5	95.3	97.8	98.5	98.5	98.9	99.3	99.6	99.6
0	65.8	80.7	90.3	94.5	95.3	97.8	98.5	98.5	98.9	99.3	99.6	99.6

1200

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

01
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		49.0	61.3	65.8	69.0	69.7	70.3	71.0	71.0	71.0	71.0	71.0
≥ 18000		49.7	61.9	66.5	69.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6
≥ 16000		49.7	61.9	66.5	69.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6
≥ 14000		49.7	61.9	66.5	69.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6
≥ 12000		49.7	61.9	66.5	69.7	70.3	71.0	71.6	71.6	71.6	71.6	71.6
≥ 10000		51.0	63.2	67.7	71.0	71.6	72.3	72.9	72.9	72.9	72.9	72.9
≥ 9000		52.3	64.5	69.0	72.3	72.9	73.6	74.2	74.2	74.2	74.2	74.2
≥ 8000		52.3	64.5	69.0	72.3	72.9	73.6	74.2	74.2	74.2	74.2	74.2
≥ 7000		55.5	68.4	72.9	76.1	76.8	78.1	78.7	78.7	78.7	78.7	78.7
≥ 6000		56.1	69.0	74.2	77.4	78.1	79.4	80.0	80.0	80.0	80.0	80.0
≥ 5000		56.1	69.0	74.2	77.4	78.1	79.4	80.0	80.0	80.0	80.0	80.0
≥ 4500		56.8	71.0	76.1	79.4	80.0	81.3	81.9	81.9	81.9	81.9	81.9
≥ 4000		57.4	71.6	76.8	80.0	80.7	82.6	83.2	83.2	83.2	83.2	83.2
≥ 3500		58.1	72.3	77.4	81.3	81.9	83.9	84.5	84.5	84.5	84.5	84.5
≥ 3000		61.3	75.5	81.3	85.2	85.8	87.7	88.4	88.4	88.4	88.4	88.4
≥ 2500		62.6	76.8	82.6	86.5	87.1	89.0	89.7	89.7	89.7	89.7	89.7
≥ 2000		63.2	78.1	83.9	87.7	88.4	90.3	91.0	91.0	91.0	91.0	91.0
≥ 1800		63.2	78.1	83.9	87.7	88.4	90.3	91.0	91.0	91.0	91.0	91.0
≥ 1500		63.9	78.7	84.5	89.0	89.7	91.6	92.3	92.3	92.3	92.3	92.3
≥ 1200		63.9	78.7	84.5	89.0	89.7	91.6	92.3	92.3	92.3	92.3	92.3
≥ 1000		64.5	80.0	86.5	91.6	92.3	94.2	94.8	94.8	94.8	94.8	94.8
≥ 900		64.5	80.0	86.5	91.6	92.3	94.2	94.8	94.8	94.8	94.8	94.8
≥ 800		65.2	80.7	87.7	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1
≥ 700		65.2	80.7	87.7	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1
≥ 600		65.2	80.7	87.7	92.9	93.6	95.5	96.1	96.1	96.1	96.1	96.1
≥ 500		65.8	81.3	89.0	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1
≥ 400		65.8	81.3	89.0	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1
≥ 300		65.8	81.3	89.0	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1
≥ 200		65.8	81.3	89.0	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1
≥ 100		65.8	81.3	89.0	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1
0		65.8	81.3	89.0	94.8	95.5	97.4	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

JULY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

2609

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		44.5	51.0	57.4	62.6	62.6	65.2	66.5	66.5	67.7	68.4	68.4	69.0	69.7
≥ 18000		46.5	52.9	60.0	65.2	65.2	67.7	69.0	69.0	70.3	71.0	71.0	71.6	72.3
≥ 16000		46.5	52.9	60.0	65.2	65.2	67.7	69.0	69.0	70.3	71.0	71.0	71.6	72.3
≥ 14000		46.5	52.9	60.0	65.2	65.2	67.7	69.0	69.0	70.3	71.0	71.0	71.6	72.3
≥ 12000		47.1	53.6	60.7	65.8	65.8	68.4	69.7	69.7	71.0	71.6	71.6	72.3	72.9
≥ 10000		48.4	55.5	62.6	67.7	67.7	70.3	71.6	71.6	72.9	73.6	73.6	74.2	74.8
≥ 9000		48.4	55.5	62.6	67.7	67.7	70.3	71.6	71.6	72.9	73.6	73.6	74.2	74.8
≥ 8000		51.6	60.0	67.1	72.9	72.9	75.5	76.8	76.8	78.1	78.7	78.7	79.4	80.0
≥ 7000		51.6	60.0	67.1	72.9	72.9	75.5	76.8	76.8	78.1	78.7	78.7	79.4	80.0
≥ 6000		51.6	60.0	67.1	72.9	72.9	75.5	76.8	76.8	78.1	78.7	78.7	79.4	80.0
≥ 5000		52.3	60.7	67.7	73.6	73.6	76.1	77.4	77.4	78.7	79.4	79.4	80.0	80.7
≥ 4500		52.3	60.7	67.7	73.6	73.6	76.1	77.4	77.4	78.7	79.4	79.4	80.0	80.7
≥ 4000		52.3	60.7	67.7	73.6	73.6	76.1	77.4	77.4	78.7	79.4	79.4	80.0	80.7
≥ 3500		52.9	61.9	69.0	74.8	74.8	77.4	78.7	78.7	80.0	80.7	80.7	81.3	81.9
≥ 3000		54.8	63.9	71.6	78.1	78.1	80.7	81.9	81.9	83.2	83.9	83.9	84.5	85.2
≥ 2500		55.5	65.2	72.9	79.4	79.4	81.9	83.2	83.2	84.5	85.2	85.2	85.8	86.5
≥ 2000		56.1	66.5	74.2	81.3	81.3	83.9	85.2	85.2	86.5	87.1	87.1	87.7	88.4
≥ 1800		56.1	66.5	74.2	81.3	81.3	83.9	85.2	85.2	86.5	87.1	87.1	87.7	88.4
≥ 1500		56.8	67.1	75.5	82.6	82.6	85.8	87.1	87.1	88.4	89.0	89.0	89.7	90.3
≥ 1200		56.8	67.1	76.1	83.2	83.2	86.5	87.7	87.7	88.4	89.0	89.0	90.3	91.0
≥ 1000		58.1	68.4	78.1	85.8	85.8	89.0	90.3	90.3	91.6	92.3	92.3	92.9	93.6
≥ 900		58.1	69.0	79.4	87.1	87.1	90.3	91.6	91.6	92.9	93.6	93.6	94.2	94.8
≥ 800		58.1	69.0	80.0	87.7	87.7	91.0	92.3	92.3	93.6	94.2	94.2	94.8	95.5
≥ 700		58.1	69.0	80.0	87.7	87.7	91.0	92.3	92.3	93.6	94.2	94.2	94.8	95.5
≥ 600		58.1	69.0	80.0	87.7	87.7	91.6	92.9	92.9	94.8	95.5	95.5	96.1	96.8
≥ 500		58.1	69.0	80.0	87.7	87.7	91.6	93.6	93.6	95.5	96.8	96.8	98.1	98.7
≥ 400		58.1	69.0	80.0	87.7	87.7	91.6	93.6	93.6	95.5	96.8	96.8	98.1	98.7
≥ 300		58.1	69.0	80.0	87.7	87.7	91.6	93.6	93.6	95.5	96.8	96.8	98.1	98.7
≥ 200		58.1	69.0	80.0	87.7	87.7	91.6	93.6	93.6	95.5	96.8	96.8	98.1	98.7
≥ 100		58.1	69.0	80.0	87.7	87.7	91.6	93.6	93.6	95.5	96.8	96.8	98.1	98.7
≥ 0		58.1	69.0	80.0	87.7	87.7	91.6	93.6	93.6	95.5	96.8	96.8	98.1	99.4

TOTAL NUMBER OF OBSERVATIONS

135

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		25.2	36.8	45.2	51.0	52.3	56.1	56.8	56.8	58.7	58.7	59.4
≥ 20000		27.7	40.0	49.0	54.8	56.1	60.7	61.3	61.3	63.2	63.2	63.9
18000		27.7	40.0	49.0	54.8	56.1	60.7	61.3	61.3	63.2	63.2	63.9
≥ 16000		27.7	40.0	49.0	54.8	56.1	60.7	61.3	61.3	63.2	63.2	63.9
14000		27.7	40.0	49.0	54.8	56.1	60.7	61.3	61.3	63.2	63.2	63.9
≥ 12000		27.7	40.0	49.0	54.8	56.1	60.7	61.3	61.3	63.2	63.2	63.9
10000		29.7	42.6	51.6	57.4	58.7	63.2	64.5	64.5	66.5	66.5	67.1
≥ 9000		29.7	42.6	51.6	57.4	58.7	63.2	64.5	64.5	66.5	66.5	67.1
8000		35.5	49.0	58.7	65.2	66.5	71.0	72.3	72.3	74.2	74.2	74.8
≥ 7000		35.5	49.0	58.7	65.2	66.5	71.0	72.3	72.3	74.2	74.2	74.8
6000		36.1	49.7	59.4	65.8	67.1	71.6	72.9	72.9	74.8	74.8	75.5
≥ 5000		37.4	51.0	60.7	67.1	68.4	72.9	74.2	74.2	76.1	76.1	76.8
4500		37.4	51.0	60.7	67.1	68.4	72.9	74.2	74.2	76.1	76.1	76.8
≥ 4000		38.1	51.6	61.9	68.4	69.7	74.2	75.5	75.5	77.4	77.4	78.1
3500		40.0	53.6	63.9	70.3	71.6	76.8	78.1	78.1	80.0	80.0	80.7
≥ 3000		40.0	53.6	63.9	70.3	71.6	76.8	78.1	78.1	80.0	80.0	80.7
2500		40.7	54.8	65.2	71.6	72.9	78.1	79.4	79.4	81.3	81.3	81.9
≥ 2000		40.7	54.8	65.2	71.6	72.9	78.1	79.4	79.4	81.3	81.3	81.9
1800		40.7	54.8	65.2	71.6	72.9	78.1	79.4	79.4	81.3	81.3	81.9
≥ 1500		41.3	55.5	65.8	72.3	73.6	78.7	80.0	80.0	82.6	82.6	83.2
1200		41.3	55.5	65.8	72.3	73.6	78.7	80.0	80.0	82.6	82.6	83.2
1000		42.6	56.8	67.1	74.2	75.5	81.3	82.6	82.6	85.2	85.2	85.8
900		42.6	56.8	67.1	74.2	75.5	81.3	82.6	82.6	85.2	85.2	85.8
800		42.6	56.8	67.1	74.8	76.1	82.6	83.9	83.9	87.1	87.1	87.7
700		42.6	56.8	67.7	75.5	76.8	83.2	84.5	84.5	87.7	87.7	88.4
600		42.6	56.8	67.7	76.1	78.7	85.2	86.5	86.5	90.3	90.3	91.0
500		43.2	57.4	69.0	77.4	80.7	87.1	88.4	88.4	92.3	92.3	92.9
400		43.2	57.4	69.7	78.1	81.3	87.7	89.7	89.7	94.2	94.2	94.8
300		43.2	58.1	70.3	78.7	81.9	88.4	90.3	90.3	94.8	94.8	95.5
200		43.2	58.1	70.3	78.7	81.9	88.4	90.3	90.3	94.8	94.8	95.5
100		43.2	58.1	70.3	78.7	81.9	88.4	90.3	90.3	94.8	94.8	95.5
0		43.2	58.1	70.3	78.7	81.9	88.4	90.3	90.3	94.8	94.8	95.5

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

10 OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (P. M.)

2607

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		48.4	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000		54.8	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000		55.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000		55.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000		55.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 12000		55.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 10000		58.7	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000		58.7	67.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 8000		61.3	70.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000		61.9	71.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000		62.6	71.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000		63.2	72.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500		63.2	72.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000		63.2	72.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 3500		63.9	72.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3000		65.2	74.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500		66.5	75.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000		69.7	78.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800		69.7	78.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1500		70.3	80.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1200		71.6	81.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000		74.2	86.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900		74.8	87.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800		74.8	87.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700		74.8	88.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600		74.8	88.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500		75.5	89.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400		75.5	89.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300		75.5	89.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200		75.5	89.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100		75.5	89.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
0		75.5	89.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS 155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000	47.7	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	52.9	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	52.9	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	53.6	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	54.2	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	55.5	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	56.8	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	56.8	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 7000	65.2	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	66.5	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	66.5	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	67.7	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4000	67.7	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	68.4	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3000	68.4	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	74.2	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	74.8	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1800	78.1	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	78.7	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1200	81.3	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	82.6	88.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	85.8	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	85.8	92.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	86.5	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	86.5	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	86.5	93.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	86.5	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	86.5	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	86.5	94.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 100	87.1	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	87.1	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

13754
STATIONCHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)16
HOURS (L.S.T.)

2605

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000		51.0	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000		58.1	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000		58.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 14000		58.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000		58.7	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000		59.4	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000		64.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000		65.2	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000		72.3	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000		72.9	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000		72.9	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500		74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000		74.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500		75.5	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000		75.5	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500		79.4	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000		82.6	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800		85.8	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500		86.5	90.3	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200		87.7	92.9	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000		88.4	93.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900		89.0	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800		89.0	94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		89.0	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600		89.0	94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500		89.0	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		89.0	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		89.0	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		89.0	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		89.0	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0		89.0	95.5	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		60.0	62.6	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000		65.2	68.4	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000		65.8	69.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000		65.8	69.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000		65.8	69.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000		66.5	69.7	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000		69.7	73.6	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000		70.3	74.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000		74.8	79.4	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000		76.8	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000		76.8	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000		76.8	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500		76.8	82.6	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000		77.4	83.2	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500		77.4	83.2	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		78.7	84.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500		79.4	85.2	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000		83.2	89.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800		83.2	89.0	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500		83.9	90.3	92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200		83.9	91.0	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		84.5	91.6	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900		85.2	92.3	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800		85.8	92.9	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700		85.8	92.9	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600		85.8	92.9	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500		85.8	92.9	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400		85.8	92.9	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300		85.8	92.9	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200		85.8	92.9	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		85.8	92.9	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0		85.8	92.9	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

13754
STATION

CHERRY POINT, NORTH CAROLINA

72-77

YEARS

CEILING VERSUS VISIBILITY

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (L.S.T.)

2603

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

1234-18766

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		60.7	70.3	71.0	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000		62.6	72.9	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000		62.6	72.9	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000		62.6	72.9	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000		62.6	72.9	73.6	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000		65.2	76.8	77.4	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000		65.2	77.4	78.1	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000		68.4	80.7	81.3	81.9	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000		69.7	83.2	83.9	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000		69.7	83.2	83.9	84.5	84.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000		70.3	83.9	84.5	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500		70.3	83.9	84.5	85.2	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000		71.0	85.2	86.5	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500		71.0	85.2	86.5	87.7	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000		71.6	85.8	87.7	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500		71.6	87.1	89.0	90.3	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000		72.3	87.7	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800		72.3	87.7	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500		72.3	87.7	89.7	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		72.3	87.7	90.3	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000		72.3	88.4	91.0	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900		72.3	88.4	91.0	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800		72.9	89.0	91.6	94.2	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700		73.6	89.7	92.3	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600		73.6	89.7	92.3	94.8	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500		73.6	89.7	92.3	95.5	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400		73.6	90.3	92.9	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300		73.6	90.3	92.9	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200		73.6	90.3	92.9	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100		73.6	90.3	92.9	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0		73.6	90.3	92.9	96.1	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000	48.3	55.2	58.2	60.2	60.4	61.4	61.7	61.7	61.7	62.1	62.2	62.3	62.3	62.5
≥ 18000	52.2	59.6	62.7	64.7	64.9	66.0	66.3	66.3	66.3	66.7	66.8	66.9	66.9	67.1
≥ 16000	52.4	59.8	63.0	64.9	65.2	66.2	66.5	66.5	66.5	66.9	67.0	67.2	67.2	67.4
≥ 14000	52.5	59.9	63.1	65.0	65.2	66.3	66.6	66.6	66.6	67.0	67.1	67.3	67.3	67.5
≥ 12000	52.6	60.0	63.2	65.1	65.3	66.4	66.7	66.7	66.7	67.1	67.2	67.3	67.3	67.5
≥ 10000	53.2	60.6	63.7	65.7	65.9	66.9	67.3	67.3	67.3	67.7	67.7	67.9	67.9	68.2
≥ 9000	55.7	63.6	66.9	68.8	69.0	70.1	70.5	70.5	70.5	70.9	71.0	71.1	71.1	71.3
≥ 8000	55.8	63.9	67.2	69.1	69.4	70.4	70.8	70.8	70.8	71.2	71.3	71.5	71.5	71.6
≥ 7000	60.6	69.0	72.6	74.7	74.9	76.1	76.5	76.5	76.5	76.9	77.0	77.2	77.2	77.4
≥ 6000	61.4	70.3	74.0	76.1	76.3	77.5	77.9	77.9	77.9	78.3	78.4	78.6	78.6	78.8
≥ 5000	61.5	70.5	74.1	76.2	76.5	77.7	78.1	78.1	78.1	78.5	78.6	78.7	78.7	78.9
≥ 4500	62.3	71.4	75.0	77.1	77.3	78.6	79.0	79.0	79.0	79.4	79.4	79.6	79.6	79.8
≥ 4000	62.3	71.5	75.1	77.2	77.4	78.6	79.0	79.0	79.0	79.5	79.6	79.8	79.8	79.9
≥ 3500	62.9	72.1	76.0	78.1	78.3	79.6	80.0	80.0	80.0	80.5	80.6	80.7	80.7	80.9
≥ 3000	63.4	72.7	76.6	79.0	79.2	80.6	81.0	81.0	81.0	81.5	81.6	81.8	81.8	82.0
≥ 2500	65.7	75.1	79.2	81.6	81.9	83.2	83.6	83.6	83.6	84.2	84.3	84.4	84.4	84.7
≥ 2000	66.7	76.5	80.6	83.0	83.2	84.7	85.1	85.1	85.1	85.7	85.7	85.9	85.9	86.1
≥ 1800	68.6	78.6	82.7	85.2	85.5	87.0	87.4	87.4	87.4	88.1	88.2	88.3	88.3	88.5
≥ 1500	68.8	78.7	82.8	85.4	85.7	87.2	87.6	87.6	87.6	88.2	88.3	88.5	88.5	88.7
≥ 1200	69.7	79.9	84.3	86.9	87.2	88.8	89.2	89.2	89.2	89.8	89.9	90.1	90.1	90.3
≥ 1000	70.1	80.4	85.1	87.8	88.1	89.7	90.1	90.1	90.1	90.5	90.8	91.0	91.0	91.2
≥ 900	71.4	82.3	87.3	90.5	90.7	92.4	92.8	92.8	92.8	93.5	93.6	93.7	93.7	94.0
≥ 800	71.5	82.5	87.6	90.8	91.1	92.7	93.2	93.2	93.2	93.8	93.9	94.0	94.0	94.3
≥ 700	71.8	82.8	88.2	91.4	91.6	93.4	93.8	93.8	93.8	94.5	94.6	94.8	94.8	95.0
≥ 600	71.9	83.2	88.6	91.9	92.1	93.9	94.3	94.3	94.3	95.2	95.2	95.4	95.4	95.7
≥ 500	71.9	83.2	88.6	92.0	92.4	94.3	94.7	94.7	94.7	95.7	95.8	96.0	96.0	96.2
≥ 400	72.2	83.6	89.2	93.0	93.6	95.7	96.1	96.1	96.1	97.3	97.5	97.7	97.7	98.0
≥ 300	72.2	83.7	89.4	93.2	93.8	95.9	96.5	96.5	96.5	97.8	98.0	98.2	98.3	98.6
≥ 200	72.2	83.8	89.5	93.3	93.9	96.0	96.6	96.6	96.6	98.2	98.4	98.6	98.7	99.1
≥ 100	72.2	83.8	89.5	93.4	94.0	96.1	96.8	96.8	96.8	98.3	98.6	98.7	99.0	99.4
≥ 100	72.3	83.9	89.6	93.5	94.0	96.1	96.9	96.9	96.9	98.4	98.7	98.8	99.0	99.3
0	72.3	83.9	89.6	93.5	94.0	96.1	96.9	96.9	96.9	98.4	98.7	98.8	99.1	99.4

1240

TOTAL NUMBER OF OBSERVATIONS

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13734
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (L.S.T.)

2601

MMHM

5703 CEILING VERSUS VISIBILITY JAN 68

MMHM

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000		61.3	70.7	74.0	75.3	75.3	75.3	75.3	75.3	76.7	77.3	77.3	77.3	77.3	77.3
≥ 18000		62.7	72.0	75.3	76.7	76.7	76.7	77.3	77.3	79.3	80.0	80.0	80.0	80.0	80.0
≥ 16000		62.7	72.0	75.3	76.7	76.7	76.7	77.3	77.3	79.3	80.0	80.0	80.0	80.0	80.0
≥ 14000		62.7	72.0	75.3	76.7	76.7	76.7	77.3	77.3	79.3	80.0	80.0	80.0	80.0	80.0
≥ 12000		63.3	72.7	76.0	77.3	77.3	77.3	78.0	78.0	80.0	80.7	80.7	80.7	80.7	80.7
≥ 10000		65.3	74.7	78.0	79.3	79.3	79.3	80.0	80.0	82.0	82.7	82.7	82.7	82.7	82.7
≥ 9000		65.3	74.7	78.0	79.3	79.3	79.3	80.0	80.0	82.0	82.7	82.7	82.7	82.7	82.7
≥ 8000		66.0	75.3	78.7	80.0	80.0	80.0	80.7	80.7	82.7	83.3	83.3	83.3	83.3	83.3
≥ 7000		66.7	76.7	80.0	81.3	81.3	82.0	82.0	82.0	84.0	84.7	84.7	84.7	84.7	84.7
≥ 6000		67.3	77.3	80.7	82.7	82.7	83.3	83.3	83.3	85.3	86.0	86.0	86.0	86.0	86.0
≥ 5000		68.0	78.0	81.3	83.3	83.3	84.0	84.0	84.0	86.0	86.7	86.7	86.7	86.7	86.7
≥ 4500		68.7	78.7	82.0	84.0	84.0	84.7	84.7	84.7	86.7	87.3	87.3	87.3	87.3	87.3
≥ 4000		69.3	79.3	82.7	85.3	85.3	86.0	86.0	86.0	88.0	88.7	88.7	88.7	88.7	88.7
≥ 3500		69.3	79.3	82.7	85.3	85.3	86.0	86.0	86.0	88.0	88.7	88.7	88.7	88.7	88.7
≥ 3000		70.0	80.0	83.3	86.0	86.0	86.7	86.7	86.7	88.7	89.3	89.3	89.3	89.3	89.3
≥ 2500		71.3	81.3	84.7	87.3	87.3	88.0	88.0	88.0	90.0	90.7	90.7	90.7	90.7	90.7
≥ 2000		71.3	81.3	84.7	87.3	87.3	88.0	88.0	88.0	90.7	91.3	91.3	91.3	91.3	91.3
≥ 1800		71.3	81.3	84.7	87.3	87.3	88.0	88.0	88.0	90.7	91.3	91.3	91.3	91.3	91.3
≥ 1500		71.3	81.3	84.7	87.3	87.3	88.0	88.0	88.0	90.7	91.3	91.3	91.3	91.3	91.3
≥ 1200		72.0	82.0	85.3	88.0	88.0	88.7	88.7	88.7	91.3	92.0	92.0	92.0	92.0	92.0
≥ 1000		72.0	82.0	85.3	88.0	88.0	88.7	88.7	88.7	91.3	92.0	92.0	92.0	92.0	92.0
≥ 900		72.0	82.0	85.3	88.0	88.0	88.7	88.7	88.7	91.3	92.0	92.0	92.0	92.0	92.0
≥ 800		72.0	82.0	85.3	88.0	88.0	88.7	88.7	88.7	91.3	92.0	92.0	92.0	92.0	92.0
≥ 700		72.0	82.0	85.3	88.0	88.0	88.7	88.7	88.7	91.3	92.0	92.0	92.0	92.0	92.0
≥ 600		72.7	82.7	86.0	89.3	89.3	90.0	90.0	90.0	92.7	93.3	93.3	93.3	93.3	93.3
≥ 500		72.7	82.7	86.0	89.3	89.3	90.7	90.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3
≥ 400		72.7	82.7	86.0	89.3	89.3	90.7	90.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3
≥ 300		72.7	82.7	86.0	89.3	89.3	90.7	90.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3
≥ 200		72.7	82.7	86.0	89.3	89.3	90.7	90.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3
≥ 100		72.7	82.7	86.0	89.3	89.3	90.7	90.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3
≥ 0		72.7	82.7	86.0	89.3	89.3	90.7	90.7	90.7	92.7	93.3	93.3	93.3	93.3	93.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		52.7	58.7	66.0	68.0	68.7	69.3	70.7	70.7	72.0	72.7	73.3	73.3
≥ 18000		53.3	60.7	68.0	70.0	70.7	71.3	72.7	72.7	74.0	74.7	76.0	76.0
≥ 16000		53.3	60.7	68.0	70.0	70.7	71.3	72.7	72.7	74.0	74.7	76.0	76.7
≥ 14000		53.3	60.7	68.0	70.0	70.7	71.3	72.7	72.7	74.0	74.7	76.0	76.7
≥ 12000		53.3	60.7	68.0	70.0	70.7	71.3	72.7	72.7	74.0	74.7	76.0	76.7
≥ 10000		54.7	62.0	69.3	71.3	72.0	72.7	74.0	74.0	75.3	76.0	77.3	77.3
≥ 9000		54.7	62.0	69.3	71.3	72.0	72.7	74.0	74.0	75.3	76.0	77.3	77.3
≥ 8000		56.0	64.0	71.3	73.3	74.0	74.7	76.0	76.0	77.3	78.0	79.3	79.3
≥ 7000		57.3	65.3	72.7	74.7	75.3	76.0	77.3	77.3	78.7	79.3	80.7	80.7
≥ 6000		57.3	66.0	73.3	75.3	76.0	76.7	78.0	78.0	79.3	80.0	81.3	81.3
≥ 5000		58.7	67.3	74.7	76.7	77.3	78.0	79.3	79.3	80.7	81.3	82.7	82.7
≥ 4500		58.7	67.3	74.7	76.7	77.3	78.0	79.3	79.3	80.7	81.3	82.7	82.7
≥ 4000		59.3	68.7	76.0	78.0	78.7	79.3	80.7	80.7	82.0	82.7	84.0	84.0
≥ 3500		59.3	68.7	76.0	78.0	78.7	79.3	80.7	80.7	82.0	82.7	84.0	84.0
≥ 3000		60.0	69.3	76.7	78.7	79.3	80.0	81.3	81.3	82.7	83.3	84.7	84.7
≥ 2500		61.3	72.0	79.3	81.3	82.0	82.7	84.0	84.0	85.3	86.0	87.3	87.3
≥ 2000		61.3	72.0	79.3	81.3	82.0	82.7	84.0	84.0	85.3	86.0	87.3	87.3
≥ 1800		61.3	72.0	79.3	81.3	82.0	82.7	84.0	84.0	85.3	86.0	87.3	87.3
≥ 1500		61.3	72.0	79.3	82.7	83.3	84.0	85.3	85.3	86.7	87.3	88.7	88.7
≥ 1200		61.3	72.0	79.3	82.7	83.3	84.0	85.3	85.3	86.7	87.3	88.7	88.7
≥ 1000		62.0	74.0	82.0	85.3	86.0	86.7	88.0	88.0	89.3	90.0	91.3	91.3
≥ 900		62.0	74.0	82.0	85.3	86.0	86.7	88.0	88.0	89.3	90.0	91.3	91.3
≥ 800		62.0	74.0	82.0	85.3	86.0	86.7	88.0	88.0	89.3	90.0	91.3	91.3
≥ 700		62.0	74.0	82.0	85.3	86.0	86.7	88.0	88.0	89.3	90.0	91.3	91.3
≥ 600		62.0	74.0	82.0	85.3	86.0	86.7	88.0	88.0	89.3	90.0	91.3	91.3
≥ 500		62.0	74.0	82.0	85.3	86.0	86.7	88.0	88.0	89.3	90.0	91.3	91.3
≥ 400		62.0	74.0	83.3	87.3	88.7	90.0	91.3	91.3	94.0	94.7	96.0	96.0
≥ 300		62.0	74.0	83.3	87.3	88.7	90.0	92.0	92.0	94.7	95.3	96.7	96.7
≥ 200		62.0	74.0	83.3	87.3	88.7	90.0	92.0	92.0	94.7	95.3	96.7	96.7
≥ 100		62.0	74.0	83.3	88.0	89.3	90.7	92.7	92.7	95.3	96.0	97.3	97.3
0		62.0	74.0	83.3	88.0	89.3	90.7	92.7	92.7	95.3	96.0	97.3	98.0
		62.0	74.0	83.3	88.0	89.3	90.7	92.7	92.7	95.3	96.0	97.3	98.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)07
HOURS (L.S.T.)

2599

HHHH

5703 CEILING VERSUS VISIBILITY JAN 68

HHH

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING													≥ 0
≥ 20000		36.0	43.3	46.0	50.0	50.0	50.0	52.0	52.0	54.0	55.3	56.7	56.7
≥ 18000		36.7	44.7	48.7	52.7	52.7	52.7	55.3	55.3	57.3	58.7	60.0	60.0
≥ 16000		36.7	45.3	49.3	53.3	53.3	53.3	56.0	56.0	58.0	59.3	60.7	60.7
≥ 14000		36.7	45.3	49.3	53.3	53.3	53.3	56.0	56.0	58.0	59.3	60.7	60.7
≥ 12000		36.7	45.3	49.3	53.3	53.3	53.3	56.0	56.0	58.0	59.3	60.7	60.7
≥ 10000		38.0	46.7	50.7	54.7	54.7	54.7	58.0	58.0	60.0	61.3	62.7	62.7
≥ 9000		38.7	48.0	52.0	56.0	56.0	56.0	59.3	59.3	61.3	63.3	64.7	64.7
≥ 8000		40.7	51.3	55.3	60.0	60.0	60.0	63.3	63.3	65.3	68.0	69.3	69.3
≥ 7000		40.7	52.0	56.7	61.3	61.3	62.7	64.7	64.7	66.7	69.3	70.7	70.7
≥ 6000		40.7	52.0	56.7	61.3	61.3	62.7	64.7	64.7	66.7	69.3	70.7	70.7
≥ 5000		42.0	53.3	58.7	63.3	63.3	64.7	66.7	66.7	68.7	71.3	72.7	72.7
≥ 4500		43.3	54.7	60.0	64.7	64.7	66.0	68.0	68.0	70.0	72.7	74.0	74.0
≥ 4000		43.3	55.3	60.7	65.3	65.3	66.7	68.7	68.7	70.7	73.3	74.7	74.7
≥ 3500		44.7	56.7	63.3	68.0	68.0	69.3	71.3	71.3	73.3	76.0	77.3	77.3
≥ 3000		46.7	59.3	66.0	71.3	71.3	72.7	75.3	75.3	77.3	80.0	81.3	82.0
≥ 2500		48.0	60.7	68.7	74.0	74.0	75.3	78.0	78.0	80.0	82.7	84.0	84.0
≥ 2000		48.0	60.7	68.7	74.0	74.0	75.3	78.0	78.0	80.0	82.7	84.0	84.0
≥ 1800		48.0	60.7	68.7	74.0	74.0	75.3	78.0	78.0	80.0	82.7	84.0	84.0
≥ 1500		48.0	60.7	70.0	75.3	75.3	76.0	80.0	80.0	82.0	84.7	86.0	86.0
≥ 1200		48.0	61.3	70.7	76.0	76.0	78.0	80.7	83.3	86.0	87.3	88.0	88.0
≥ 1000		48.7	62.0	71.3	76.7	76.7	78.7	81.3	84.0	86.7	88.0	88.0	88.0
≥ 900		48.7	62.7	72.0	77.3	77.3	79.3	82.0	84.7	87.3	88.7	88.7	89.3
≥ 800		48.7	62.7	72.0	77.3	77.3	79.3	82.0	84.7	87.3	88.7	88.7	89.3
≥ 700		48.7	62.7	72.7	78.0	78.0	79.3	83.3	86.0	88.7	89.3	89.3	90.0
≥ 600		48.7	62.7	72.7	78.0	78.0	79.3	83.3	86.0	88.7	89.3	89.3	90.7
≥ 500		48.7	62.7	73.3	79.3	79.3	80.7	85.3	88.7	91.3	92.7	93.3	94.0
≥ 400		48.7	62.7	74.0	80.0	80.0	81.3	86.0	89.3	92.7	94.7	94.7	95.3
≥ 300		49.3	63.3	75.3	81.3	81.3	82.7	87.3	90.7	94.0	96.0	96.0	97.3
≥ 200		49.3	63.3	75.3	81.3	81.3	82.7	87.3	90.7	94.0	96.0	96.0	97.3
≥ 100		49.3	63.3	75.3	81.3	81.3	82.7	87.3	90.7	94.0	96.0	96.0	97.3
0		49.3	63.3	75.3	81.3	81.3	82.7	87.3	90.7	94.7	96.7	96.7	97.3

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		54.0	58.0	61.3	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000		58.0	62.0	65.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000		58.7	62.7	66.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 14000		58.7	63.3	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000		58.7	63.3	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000		60.7	65.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000		62.0	68.0	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000		62.0	68.0	71.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 7000		64.7	72.7	76.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 6000		65.3	73.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000		65.3	73.3	76.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4500		66.7	75.3	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000		66.7	75.3	78.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		67.3	76.0	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000		67.3	76.0	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500		70.7	80.0	84.0	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2000		71.3	80.7	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800		72.7	82.7	86.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		73.3	83.3	87.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200		73.3	84.0	88.0	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000		73.3	84.0	88.0	90.0	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900		74.0	84.7	88.7	90.7	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800		74.7	85.3	89.3	91.3	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700		74.7	86.0	90.0	92.0	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600		75.3	86.7	90.7	92.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500		76.0	87.3	92.0	94.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400		76.0	87.3	92.0	94.0	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300		76.0	87.3	92.0	94.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		76.0	87.3	92.0	94.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		76.0	87.3	92.0	94.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0		76.0	87.3	92.0	94.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

2597

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000	56.0	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	60.0
≥ 18000	62.0	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	66.0
≥ 16000	63.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3
≥ 14000	63.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3
≥ 12000	63.3	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.3
≥ 10000	64.0	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	68.0
≥ 9000	66.0	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	72.0
8000	68.0	70.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.7
7000	74.0	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.3
6000	74.7	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	80.0
5000	76.0	79.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.3
4500	77.3	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7
4000	77.3	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7
3500	78.7	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0
3000	79.3	82.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.3
2500	80.0	83.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	86.0
2000	81.3	84.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.3
1800	85.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
1500	85.3	89.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.0
1200	86.0	90.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.7
1000	86.7	90.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.0
900	87.3	91.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.7
800	87.3	91.3	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3
700	87.3	91.3	94.0	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.3
600	87.3	91.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	96.7
500	87.3	91.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	97.3
400	87.3	91.3	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	98.0
300	87.3	91.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	99.3
200	87.3	91.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	99.3
100	87.3	91.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	99.3
0	87.3	91.3	94.7	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		64.7	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000		68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
18000		68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
16000		68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
14000		68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
12000		68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
10000		71.3	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
9000		72.0	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
8000		78.0	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
7000		79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
6000		79.3	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
5000		80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
4500		80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
4000		82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3500		82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3000		84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500		86.7	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000		87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1800		87.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1500		88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1200		88.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1000		90.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
900		90.7	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
800		90.7	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
700		91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
600		91.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
500		92.0	94.0	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
400		92.0	94.0	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
300		92.0	94.0	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
200		92.0	94.0	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100		92.0	94.0	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0		92.0	94.0	96.0	96.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13254
STATION

CERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

2595

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		64.7	68.7	68.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 18000		68.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000		68.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000		68.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000		68.0	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000		72.0	76.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000		72.7	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000		74.0	78.7	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000		75.3	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000		75.3	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000		75.3	80.7	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500		76.0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000		76.7	82.7	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3500		78.0	84.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000		80.0	86.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500		82.0	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000		84.7	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		84.7	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		85.3	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 500		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 300		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 200		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 100		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
0		85.3	92.7	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS

150

NAYWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTH

22
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING												
≥ 20000	62.0	65.3	66.7	67.3	68.0	68.0	68.0	68.0	68.0	68.7	68.7	69.3
≥ 18000	64.0	67.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.7	70.7	71.3
≥ 16000	64.0	67.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.7	70.7	71.3
≥ 14000	64.0	67.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.7	70.7	71.3
≥ 12000	64.0	67.3	68.7	69.3	70.0	70.0	70.0	70.0	70.0	70.7	70.7	71.3
≥ 10000	67.3	70.7	72.0	72.7	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.7
≥ 9000	67.3	70.7	72.0	72.7	73.3	73.3	73.3	73.3	73.3	74.0	74.0	74.7
≥ 8000	68.7	72.0	74.0	75.3	76.0	76.0	76.0	76.0	76.0	76.7	76.7	77.3
≥ 7000	70.0	74.7	76.7	78.0	78.7	78.7	78.7	78.7	78.7	79.3	79.3	80.0
≥ 6000	71.3	76.0	78.0	79.3	80.0	80.0	80.0	80.0	80.0	80.7	80.7	81.3
≥ 5000	72.0	76.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	81.3	81.3	82.0
≥ 4500	72.0	76.7	78.7	80.0	80.7	80.7	80.7	80.7	80.7	81.3	81.3	82.0
≥ 4000	72.7	77.3	79.3	80.7	81.3	81.3	81.3	81.3	81.3	82.0	82.0	82.7
≥ 3500	73.3	78.0	80.0	81.3	82.0	82.0	82.0	82.0	82.0	82.7	82.7	83.3
≥ 3000	74.0	80.0	82.0	83.3	84.0	84.0	84.0	84.0	84.0	84.7	84.7	85.3
≥ 2500	76.0	83.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.7
≥ 2000	76.0	83.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.7
≥ 1800	76.0	83.3	85.3	86.7	87.3	87.3	87.3	87.3	87.3	88.0	88.0	88.7
≥ 1500	76.7	84.0	86.0	87.3	88.0	88.0	88.0	88.0	88.0	88.7	88.7	89.3
≥ 1200	77.3	84.7	87.3	88.7	89.3	89.3	89.3	89.3	89.3	90.0	90.0	90.7
≥ 1000	78.7	86.0	89.3	90.7	92.0	92.0	92.0	92.0	92.0	92.7	92.7	93.3
≥ 900	79.3	86.7	90.0	91.3	92.7	92.7	92.7	92.7	92.7	93.3	93.3	94.0
≥ 800	79.3	86.7	90.0	91.3	92.7	92.7	92.7	92.7	92.7	93.3	93.3	94.0
≥ 700	79.3	86.7	90.0	91.3	92.7	92.7	92.7	92.7	92.7	93.3	93.3	94.0
≥ 600	79.3	86.7	90.0	91.3	92.7	92.7	92.7	92.7	92.7	93.3	93.3	94.0
≥ 500	79.3	86.7	90.0	92.0	93.3	93.3	93.3	94.7	94.7	95.3	95.3	96.0
≥ 400	79.3	86.7	90.0	92.0	93.3	93.3	93.3	94.7	94.7	95.3	95.3	96.0
≥ 300	79.3	86.7	90.0	92.0	93.3	93.3	93.3	94.0	94.0	96.7	96.7	97.3
≥ 200	79.3	86.7	90.0	92.7	94.0	94.0	94.0	96.7	96.7	97.3	97.3	98.0
≥ 100	79.3	86.7	90.0	92.7	94.0	94.0	94.0	96.7	96.7	97.3	97.3	99.3
0	79.3	86.7	90.0	92.7	94.0	94.0	94.0	96.7	96.7	97.3	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)HOURS
11.1

2593

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

RRR

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		56.4	61.1	63.5	64.7	64.9	65.1	65.4	65.4	66.0	66.4	66.4	66.7	66.8
18000		59.2	64.2	66.8	67.9	68.2	68.5	68.8	68.8	69.5	69.9	69.9	70.3	70.4
16000		59.4	64.5	67.1	68.3	68.5	68.8	69.2	69.2	69.8	70.3	70.3	70.6	70.8
14000		59.4	64.6	67.2	68.3	68.6	68.9	69.3	69.3	69.9	70.3	70.3	70.7	70.8
12000		59.4	64.6	67.2	68.3	68.6	68.9	69.3	69.3	69.9	70.3	70.3	70.7	70.8
10000		60.1	65.3	67.8	69.0	69.3	69.6	70.0	70.0	70.7	71.1	71.1	71.4	71.6
9000		62.4	67.8	70.4	71.7	71.9	72.3	72.7	72.7	73.3	73.8	73.8	74.2	74.3
8000		62.6	68.0	70.7	71.9	72.2	72.5	72.9	72.9	73.6	74.1	74.1	74.4	74.6
7000		65.3	71.3	74.1	75.5	75.8	76.1	76.5	76.5	77.2	77.8	77.8	78.1	78.3
6000		66.2	72.6	75.5	76.9	77.2	77.5	77.9	77.9	78.6	79.2	79.2	79.5	79.7
5000		66.6	73.1	76.0	77.5	77.8	78.1	78.5	78.5	79.2	79.8	79.8	80.1	80.3
4500		67.6	74.2	77.2	78.7	78.9	79.3	79.7	79.7	80.3	80.9	80.9	81.3	81.4
4000		67.9	74.5	77.5	79.0	79.3	79.6	80.0	80.0	80.7	81.3	81.3	81.6	81.8
3500		68.7	75.6	78.6	80.2	80.4	80.8	81.2	81.2	81.8	82.4	82.4	82.8	82.9
3000		69.2	76.1	79.3	80.9	81.2	81.5	81.9	81.9	82.6	83.2	83.2	83.5	83.7
2500		70.8	78.0	81.3	83.0	83.3	83.6	84.1	84.1	84.8	85.3	85.3	85.7	85.8
2000		72.3	79.9	83.4	85.1	85.3	85.7	86.2	86.2	86.8	87.4	87.4	87.8	87.9
1800		73.3	81.2	84.7	86.4	86.7	87.0	87.5	87.5	88.3	88.8	88.8	89.2	89.3
1500		73.4	81.3	84.8	86.5	86.8	87.1	87.6	87.6	88.3	88.9	88.9	89.3	89.4
1200		73.8	81.8	85.4	87.3	87.7	88.0	88.6	88.6	89.3	89.9	89.9	90.3	90.4
1000		74.0	82.1	85.8	87.8	88.1	88.4	89.0	89.0	89.8	90.4	90.4	90.8	90.9
900		74.8	83.0	87.1	89.0	89.4	89.9	90.5	90.5	91.3	92.0	92.0	92.5	92.5
800		75.0	83.3	87.4	89.3	89.8	90.3	90.8	90.8	91.8	92.4	92.4	92.8	92.9
700		75.0	83.5	87.6	89.6	90.3	90.8	91.4	91.4	92.3	93.0	93.0	93.5	93.5
600		75.2	83.7	87.8	89.9	90.7	91.2	91.8	91.8	92.7	93.3	93.3	93.8	93.8
500		75.3	83.8	88.3	90.3	91.1	91.7	92.3	92.3	93.3	93.9	93.9	94.3	94.4
400		75.4	83.9	88.6	91.2	92.1	92.9	93.8	93.8	94.8	95.5	95.5	95.9	96.1
300		75.4	83.9	88.8	91.4	92.4	93.4	94.5	94.5	95.6	96.3	96.3	96.8	96.9
200		75.5	84.0	89.0	91.8	92.9	94.2	95.4	95.4	96.6	97.4	97.4	97.8	98.1
100		75.5	84.0	89.0	91.9	93.1	94.3	95.6	95.6	96.9	97.8	97.8	98.3	98.6
0		75.5	84.0	89.0	91.9	93.1	94.3	95.7	95.7	97.1	98.0	98.0	98.4	98.8
		75.5	84.0	89.0	91.9	93.1	94.3	95.7	95.7	97.1	98.1	98.1	98.6	99.0
														99.3

TOTAL NUMBER OF OBSERVATIONS

1200

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (24 H.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING ≥ 20000		51.6	55.5	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4
18000		52.3	56.1	59.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16000		52.9	56.8	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
14000		52.9	56.8	60.0	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7
12000		53.6	57.4	60.7	60.7	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3
10000		54.8	58.7	61.9	61.9	61.9	62.6	62.6	62.6	62.6	62.6	62.6	62.6
9000		55.5	59.4	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
8000		55.5	59.4	62.6	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2
7000		61.9	65.8	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
6000		63.2	67.1	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
5000		63.2	67.1	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
4500		64.5	68.4	72.3	72.3	72.3	72.9	72.9	72.9	72.9	72.9	72.9	72.9
4000		66.5	70.3	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
3500		67.1	71.6	75.5	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1
3000		67.1	72.3	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2500		68.4	73.6	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2000		71.0	76.8	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1800		71.0	76.8	81.9	81.9	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1500		72.3	78.7	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1200		72.9	79.4	84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1000		73.6	80.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
900		73.6	80.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
800		73.6	80.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
700		73.6	80.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
600		73.6	80.7	87.1	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
500		74.2	81.3	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0
400		74.8	81.9	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7
300		74.8	81.9	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
200		74.8	81.9	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
100		74.8	81.9	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
0		74.8	81.9	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS

152

NAWWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

NNNN

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 5/16	≥ ¼
NO CEILING												≥ 0
≥ 20000		47.7	53.6	56.8	57.4	57.4	57.4	57.4	58.7	58.7	58.7	58.7
≥ 18000		48.4	54.8	58.1	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
≥ 16000		48.4	54.8	58.1	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
≥ 14000		48.4	54.8	58.1	58.7	58.7	58.7	58.7	60.0	60.0	60.0	60.0
≥ 12000		49.0	55.5	58.7	59.4	59.4	59.4	59.4	60.7	60.7	60.7	60.7
≥ 10000		51.6	58.1	61.3	61.9	61.9	61.9	61.9	63.2	63.2	63.2	63.2
≥ 9000		51.6	58.1	61.3	61.9	61.9	61.9	61.9	63.2	63.2	63.2	63.2
≥ 8000		56.1	62.6	65.8	66.5	66.5	66.5	67.1	68.4	68.4	68.4	68.4
≥ 7000		56.1	62.6	65.8	66.5	66.5	66.5	67.1	68.4	68.4	68.4	68.4
≥ 6000		56.1	62.6	65.8	66.5	66.5	66.5	67.1	68.4	68.4	68.4	68.4
≥ 5000		56.1	62.6	65.8	66.5	66.5	66.5	67.1	68.4	68.4	68.4	68.4
≥ 4500		56.1	62.6	65.8	66.5	66.5	66.5	67.1	68.4	68.4	68.4	68.4
≥ 4000		59.4	65.8	69.0	69.7	69.7	69.7	70.3	71.6	71.6	71.6	71.6
≥ 3500		60.7	67.1	70.3	71.0	71.0	71.0	71.6	72.9	72.9	72.9	72.9
≥ 3000		61.3	69.0	72.3	73.6	73.6	73.6	74.2	75.5	75.5	75.5	75.5
≥ 2500		62.6	71.0	74.2	75.5	75.5	75.5	76.1	77.4	77.4	77.4	77.4
≥ 2000		63.9	72.3	75.5	77.4	77.4	77.4	78.1	79.4	79.4	79.4	79.4
≥ 1800		63.9	72.3	75.5	77.4	77.4	77.4	78.1	79.4	79.4	79.4	79.4
≥ 1500		64.5	73.6	78.1	80.7	80.7	80.7	81.3	82.6	82.6	82.6	82.6
≥ 1200		65.2	74.2	78.7	81.3	81.3	81.3	81.9	83.2	83.2	83.2	83.2
≥ 1000		65.8	74.8	80.0	82.6	82.6	82.6	83.9	85.2	85.2	85.2	85.2
≥ 900		66.5	75.5	80.7	83.2	83.2	83.2	84.5	85.8	85.8	85.8	85.8
≥ 800		66.5	75.5	81.3	83.9	83.9	83.9	85.2	86.5	86.5	86.5	86.5
≥ 700		66.5	75.5	81.3	83.9	83.9	83.9	85.8	87.1	87.1	87.1	87.1
≥ 600		66.5	76.1	81.9	84.5	84.5	84.5	87.1	88.4	88.4	88.4	88.4
≥ 500		66.5	77.4	83.9	86.5	86.5	86.5	90.3	91.6	91.6	91.6	91.6
≥ 400		66.5	77.4	84.5	87.1	87.1	87.1	91.6	93.6	93.6	93.6	93.6
≥ 300		67.1	78.7	87.1	89.7	89.7	89.7	94.8	96.1	96.1	96.1	96.1
≥ 200		67.1	78.7	87.1	89.7	89.7	89.7	94.8	96.8	96.8	96.8	96.8
≥ 100		67.1	78.7	87.1	89.7	89.7	89.7	94.8	96.8	96.8	96.8	96.8
0		67.1	78.7	87.1	89.7	89.7	89.7	94.8	96.8	96.8	96.8	96.8

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		39.4	42.6	44.5	47.1	47.1	47.1	48.4	48.4	49.0	49.0	49.0
≥ 18000		41.3	45.8	48.4	51.6	51.6	51.6	52.9	52.9	53.6	53.6	53.6
≥ 16000		41.3	45.8	49.0	52.3	52.3	52.3	53.6	53.6	54.2	54.2	54.2
≥ 14000		41.3	45.8	49.0	52.3	52.3	52.3	53.6	53.6	54.2	54.2	54.2
≥ 12000		41.3	45.8	49.0	52.3	52.3	52.3	53.6	53.6	54.2	54.2	54.2
≥ 10000		42.6	47.1	51.0	54.2	54.2	54.2	55.5	55.5	56.1	56.1	56.1
≥ 9000		42.6	47.1	51.0	54.2	54.2	54.2	55.5	55.5	56.1	56.1	56.1
≥ 8000		48.4	54.2	59.4	62.6	62.6	62.6	63.9	63.9	64.5	64.5	64.5
≥ 7000		48.4	54.2	59.4	62.6	62.6	62.6	63.9	63.9	64.5	64.5	64.5
≥ 6000		49.7	55.5	60.7	63.9	63.9	63.9	65.2	65.2	65.8	65.8	65.8
≥ 5000		51.0	56.8	61.9	63.9	63.9	63.9	67.1	67.1	67.7	67.7	67.7
≥ 4500		51.0	56.8	62.6	66.5	66.5	66.5	67.7	67.7	68.4	68.4	68.4
≥ 4000		52.9	58.7	64.5	68.4	68.4	68.4	69.7	69.7	70.3	70.3	70.3
≥ 3500		54.2	60.0	65.8	69.7	69.7	69.7	71.0	71.0	71.6	71.6	71.6
≥ 3000		59.4	65.2	71.0	75.5	75.5	75.5	76.8	76.8	77.4	77.4	77.4
≥ 2500		60.0	65.8	71.0	76.1	76.1	76.1	77.4	77.4	78.1	78.1	78.1
≥ 2000		61.3	67.1	72.9	78.1	78.1	78.1	79.4	79.4	80.0	80.0	80.0
≥ 1800		61.3	67.1	72.9	78.1	78.1	78.1	79.4	79.4	80.0	80.0	80.0
≥ 1500		64.5	70.3	76.1	81.9	81.9	81.9	83.2	83.2	83.9	83.9	83.9
≥ 1200		65.2	71.0	76.8	82.6	82.6	82.6	83.9	83.9	84.5	84.5	84.5
≥ 1000		65.2	71.0	76.8	82.6	82.6	82.6	83.9	83.9	84.5	84.5	84.5
≥ 900		65.8	71.6	77.4	83.2	83.2	83.2	85.8	85.8	86.5	86.5	86.5
≥ 800		65.8	71.6	77.4	83.2	83.2	83.2	85.8	85.8	86.5	86.5	86.5
≥ 700		65.8	71.6	77.4	83.2	83.2	83.2	85.8	85.8	86.5	86.5	86.5
≥ 600		65.8	71.6	78.1	83.9	83.9	83.9	86.5	86.5	87.1	87.1	87.1
≥ 500		66.5	73.6	80.7	86.5	86.5	86.5	89.0	89.0	91.0	91.0	91.0
≥ 400		67.1	74.8	81.9	87.7	87.7	87.7	90.3	90.3	91.6	91.6	91.6
≥ 300		67.1	74.8	82.6	89.0	89.0	89.0	91.6	91.6	93.6	93.6	93.6
≥ 200		67.1	74.8	82.6	89.0	89.0	89.0	91.6	91.6	93.6	93.6	93.6
≥ 100		67.1	74.8	82.6	89.0	89.0	89.0	91.6	91.6	93.6	93.6	93.6
0		67.1	74.8	82.6	89.0	89.0	89.0	91.6	91.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

72-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (L.S.T.)

2589

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNP

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000		44.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4
18000		48.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.3	52.3
16000	AI AI	48.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9
14000	AI AI	48.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.9	52.9
12000	AI AI	49.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.6	53.6
10000	AI AI	51.0	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.5	55.5
9000	AI AI	51.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1	56.1
8000	AI AI	51.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	56.1	56.1
7000	AI AI	55.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.3	61.3
6000	AI AI	58.7	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	65.2	65.2
5000	AI AI	59.4	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.8	65.8
4500	AI AI	63.2	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7
4000	AI AI	63.9	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0
3500	AI AI	65.2	71.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.6	73.6
3000	AI AI	65.2	71.6	72.9	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.8	74.8
2500	AI AI	69.0	75.5	77.4	78.1	78.1	78.1	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4
2000	AI AI	69.0	76.1	78.1	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	80.0	80.0
1800	AI AI	69.7	77.4	79.4	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3
1500	AI AI	69.7	77.4	79.4	80.0	80.0	80.0	80.7	80.7	80.7	80.7	80.7	80.7	81.3	81.3
1200	AI AI	72.3	80.0	82.6	83.2	83.2	83.2	84.5	84.5	84.5	84.5	84.5	84.5	85.2	85.2
1000	AI AI	73.6	81.3	83.9	84.5	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	86.5	86.5
900	AI AI	76.8	84.5	87.1	87.7	87.7	88.4	89.0	89.0	89.0	89.7	89.7	89.7	90.3	90.3
800	AI AI	76.8	84.5	87.1	87.7	87.7	88.4	89.0	89.7	89.7	90.3	90.3	90.3	91.0	91.0
700	AI AI	76.8	85.2	87.7	88.4	88.4	89.0	89.7	90.3	90.3	91.0	91.0	91.0	91.6	91.6
600	AI AI	77.4	85.8	88.4	89.0	89.0	89.7	90.3	91.0	91.0	91.6	91.6	91.6	92.3	92.3
500	AI AI	77.4	85.8	89.0	89.7	89.7	89.7	91.0	91.6	91.6	92.3	92.3	92.3	92.9	92.9
400	AI AI	78.1	86.5	91.0	92.3	92.3	92.3	93.6	94.2	94.2	94.8	94.8	94.8	95.5	95.5
300	AI AI	78.1	86.5	91.0	92.3	92.3	92.3	94.2	94.8	94.8	96.1	96.1	96.1	97.4	97.4
200	AI AI	78.1	86.5	92.3	94.2	94.2	94.2	95.5	96.1	96.1	98.7	98.7	98.7	99.4	99.4
100	AI AI	78.1	86.5	92.3	94.2	94.2	94.2	95.5	96.1	96.1	98.7	98.7	98.7	99.4	99.4
0	AI AI	78.1	86.5	92.3	94.2	94.2	94.2	95.5	96.1	96.1	98.7	98.7	98.7	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
≥ 20000	44.5	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
18000	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
16000	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
14000	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
12000	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
10000	52.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
9000	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
8000	54.8	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
7000	58.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
6000	61.3	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
5000	61.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
4500	65.2	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
4000	65.8	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
3500	67.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
3000	67.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
2500	75.5	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
2000	78.7	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1800	79.4	81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1500	80.0	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1200	82.6	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1000	83.2	86.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
900	85.2	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
800	85.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
700	85.2	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
600	85.8	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
500	85.8	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
400	85.8	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
300	86.5	94.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
200	86.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	86.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	86.5	95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000		55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 9000		55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 8000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 6000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4500		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 4000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000		73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500		76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000		78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1800		79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500		81.2	83.2	83.2	83.2	83.2	84.5	84.5	84.5	84.5	84.5
≥ 1200		81.9	83.9	83.9	84.5	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000		83.9	86.5	86.5	87.1	88.4	89.7	89.7	89.7	89.7	89.7
≥ 900		83.9	86.5	86.5	87.1	88.4	89.7	89.7	89.7	89.7	89.7
≥ 800		84.5	87.7	88.4	89.0	90.3	91.6	91.6	91.6	91.6	91.6
≥ 700		84.5	87.7	88.4	89.0	90.3	91.6	91.6	91.6	91.6	91.6
≥ 600		84.5	89.0	89.7	90.3	91.6	92.9	92.9	92.9	92.9	92.9
≥ 500		85.8	91.0	92.3	93.6	94.8	96.1	96.1	96.1	96.1	96.1
≥ 400		85.8	91.0	92.3	93.6	94.8	96.8	96.8	96.8	96.8	96.8
≥ 300		85.8	91.0	92.3	93.6	94.8	96.8	96.8	96.8	96.8	96.8
≥ 200		85.8	91.0	92.3	94.2	95.5	98.7	99.4	99.4	99.4	99.4
≥ 100		85.8	91.0	92.9	94.2	95.5	98.7	99.4	99.4	99.4	99.4
0		85.8	91.0	92.9	94.2	95.5	98.7	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000													
18000													
16000													
14000													
12000													
10000													
9000													
8000													
7000													
6000													
5000													
4500													
4000													
3500													
3000													
2500													
2000													
1800													
1500													
1200													
1000													
900													
800													
700													
600													
500													
400													
300													
200													
100													
0													

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.T.)

2585

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000	52.9	54.2	54.8	54.8	54.8	54.8	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	55.5	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	55.5	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	55.5	56.8	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1	58.1	58.1
≥ 12000	56.1	57.4	58.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	56.8	58.1	58.7	58.7	58.7	58.7	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	59.4	60.7	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 8000	59.4	60.7	61.3	61.3	61.3	61.3	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	64.5	65.8	66.5	66.5	66.5	66.5	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	65.2	66.5	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	65.2	66.5	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4500	67.7	69.0	69.7	69.7	69.7	69.7	70.3	70.3	70.3	71.0	71.0	71.0
≥ 4000	70.3	71.6	72.3	72.3	72.3	72.3	72.9	72.9	72.9	73.6	73.6	73.6
≥ 3500	72.3	74.2	74.8	74.8	74.8	74.8	75.5	75.5	75.5	76.1	76.1	76.1
≥ 3000	74.2	76.8	78.7	79.4	79.4	79.4	80.0	80.0	80.0	80.7	80.7	80.7
≥ 2500	76.1	79.4	81.3	81.3	81.3	81.3	82.6	82.6	82.6	83.2	83.2	83.2
≥ 2000	78.1	81.3	83.2	83.2	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2
≥ 1800	78.1	81.3	83.2	83.2	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2
≥ 1500	78.1	81.3	83.2	83.2	83.2	83.2	84.5	84.5	84.5	85.2	85.2	85.2
≥ 1200	78.7	82.6	84.5	85.2	85.2	85.2	85.8	85.8	85.8	86.5	86.5	86.5
≥ 1000	78.7	83.9	86.5	87.1	87.1	87.1	87.7	87.7	87.7	88.4	88.4	88.4
≥ 900	78.7	83.9	86.5	87.1	87.1	87.1	87.7	87.7	87.7	88.4	88.4	88.4
≥ 800	79.4	84.5	87.1	87.7	87.7	87.7	88.4	88.4	88.4	89.0	89.0	89.0
≥ 700	79.4	84.5	87.1	87.7	87.7	87.7	88.4	88.4	88.4	89.0	89.0	89.0
≥ 600	79.4	84.5	87.1	87.7	87.7	87.7	88.4	88.4	88.4	89.0	89.0	89.0
≥ 500	79.4	85.2	87.7	90.3	90.3	90.3	91.0	91.0	91.0	91.6	91.6	91.6
≥ 400	80.0	85.8	88.4	91.6	91.6	91.6	92.3	92.3	92.3	92.9	92.9	92.9
≥ 300	80.0	85.8	88.4	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6
≥ 200	80.0	85.8	88.4	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6
≥ 100	80.0	85.8	88.4	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6
≥ 0	80.0	85.8	88.4	92.3	92.3	92.3	92.9	92.9	92.9	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

DEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (24 HRS.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		47.0	49.4	50.5	50.9	50.9	51.1	51.2	51.2	51.5	51.5	51.5	51.5
≥ 18000		50.2	52.7	54.0	54.4	54.4	54.7	54.8	54.8	55.0	55.0	55.0	55.1
≥ 16000		50.4	53.1	54.4	54.8	54.8	55.1	55.2	55.2	55.4	55.4	55.4	55.5
≥ 14000		50.4	53.1	54.4	54.8	54.8	55.1	55.2	55.2	55.4	55.4	55.4	55.5
≥ 12000		51.1	53.7	55.0	55.5	55.5	55.7	55.8	55.8	56.1	56.1	56.1	56.3
≥ 10000		51.9	54.5	55.9	56.4	56.4	56.6	56.7	56.7	56.9	56.9	56.9	57.0
≥ 9000		53.6	56.3	57.7	58.2	58.2	58.5	58.6	58.6	58.9	58.9	58.9	59.0
≥ 8000		53.9	56.5	58.0	58.5	58.5	58.7	58.9	58.9	59.1	59.1	59.1	59.2
≥ 7000		58.6	61.8	63.4	63.9	63.9	64.2	64.4	64.4	64.8	64.8	64.8	65.0
≥ 6000		59.9	63.1	64.8	65.2	65.2	65.6	65.8	65.8	66.1	66.1	66.1	66.2
≥ 5000		60.4	63.6	65.3	65.8	65.8	66.2	66.5	66.5	66.8	66.8	66.8	66.9
≥ 4500		62.1	65.3	67.1	67.7	67.7	68.1	68.3	68.3	68.6	68.6	68.6	68.7
≥ 4000		62.7	66.0	67.8	68.4	68.4	68.8	69.0	69.0	69.4	69.4	69.4	69.4
≥ 3500		64.8	68.2	70.2	70.7	70.7	71.1	71.4	71.4	71.7	71.7	71.7	71.8
≥ 3000		65.7	69.4	71.3	71.9	71.9	72.3	72.7	72.7	73.0	73.0	73.0	73.1
≥ 2500		69.1	73.4	75.7	76.5	76.5	76.9	77.3	77.3	77.6	77.6	77.7	77.7
≥ 2000		70.8	75.3	77.7	78.6	78.6	79.0	79.4	79.4	79.7	79.7	79.8	79.8
≥ 1800		72.5	77.2	79.6	80.7	80.7	81.1	81.5	81.5	81.8	81.8	81.9	82.1
≥ 1500		72.7	77.4	79.8	80.9	80.9	81.3	81.7	81.7	82.0	82.1	82.2	82.4
≥ 1200		74.4	79.6	82.3	83.6	83.6	84.3	84.7	84.7	85.0	85.1	85.2	85.4
≥ 1000		75.3	80.5	83.2	84.7	84.7	85.4	85.8	85.8	86.1	86.2	86.3	86.4
≥ 900		76.4	82.1	85.2	86.9	86.9	87.1	88.1	88.6	88.9	89.0	89.1	89.2
≥ 800		76.5	82.3	85.4	87.2	87.2	87.3	88.4	88.9	89.2	89.4	89.4	89.5
≥ 700		76.7	82.7	86.0	87.7	87.7	87.9	89.0	89.5	89.8	90.1	90.2	90.4
≥ 600		76.9	82.9	86.2	88.2	88.2	88.3	89.5	90.2	90.5	90.8	90.9	91.0
≥ 500		76.9	83.2	86.7	88.6	88.6	88.8	90.4	91.1	91.4	91.7	91.8	91.9
≥ 400		77.3	84.4	88.3	90.6	90.6	90.7	92.6	93.4	93.7	94.0	94.1	94.2
≥ 300		77.7	84.9	89.1	91.5	91.5	91.9	93.9	94.8	95.3	95.8	96.0	96.1
≥ 200		77.8	85.2	90.1	92.7	92.7	93.1	95.1	96.3	97.0	97.6	97.7	97.8
≥ 100		77.8	85.2	90.2	92.8	92.8	93.2	95.5	96.8	97.6	98.3	98.6	98.8
0		77.8	85.2	90.2	92.8	92.8	93.2	95.5	96.8	97.7	98.5	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

ALL
MONTHHOUSES
ALLPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														≥ 0
≥ 20000		45.9	51.3	53.8	55.2	55.3	55.9	56.1	56.1	56.3	56.4	56.4	56.5	56.5
≥ 18000		50.5	56.5	59.4	60.9	61.1	61.8	62.0	62.0	62.2	62.3	62.3	62.4	62.5
≥ 16000		50.7	56.8	59.7	61.2	61.4	62.1	62.3	62.3	62.5	62.6	62.6	62.7	62.8
		50.7	56.8	59.7	61.2	61.4	62.1	62.3	62.3	62.5	62.6	62.6	62.7	62.8
≥ 14000		51.0	57.1	60.0	61.4	61.7	62.3	62.5	62.5	62.8	62.9	62.9	63.0	63.1
≥ 12000		51.7	57.8	60.7	62.2	62.5	63.1	63.3	63.3	63.6	63.7	63.7	63.8	63.9
≥ 10000		54.1	60.4	63.5	65.1	65.3	66.0	66.2	66.2	66.5	66.6	66.6	66.7	66.8
≥ 9000	0	54.1	60.5	63.6	65.2	65.4	66.1	66.3	66.3	66.6	66.7	66.8	66.9	67.0
≥ 8000	0	57.9	64.9	68.3	69.9	70.2	71.0	71.2	71.2	71.5	71.7	71.7	71.8	71.9
≥ 7000	0	58.7	65.8	69.3	71.0	71.3	72.0	72.3	72.3	72.6	72.7	72.7	72.8	72.9
≥ 6000	0	59.0	66.1	69.6	71.2	71.5	72.3	72.5	72.5	72.8	73.0	73.0	73.1	73.2
≥ 5000	0	59.7	66.9	70.5	72.1	72.4	73.2	73.4	73.4	73.8	73.9	73.9	74.0	74.1
≥ 4500	0	60.0	67.2	70.8	72.5	72.8	73.6	73.8	73.8	74.1	74.3	74.3	74.4	74.5
≥ 4000	0	61.2	68.6	72.4	74.1	74.4	75.2	75.4	75.4	75.8	75.9	75.9	76.0	76.1
≥ 3500	0	61.9	69.4	73.2	74.9	75.3	76.0	76.3	76.3	76.6	76.8	76.8	76.9	77.0
≥ 3000	0	64.8	73.0	77.2	79.1	79.4	80.2	80.5	80.5	80.9	81.0	81.0	81.2	81.3
≥ 2500	0	66.7	75.4	79.9	81.9	82.2	83.1	83.4	83.4	83.7	83.9	83.9	84.0	84.1
≥ 2000	0	68.7	77.8	82.4	84.6	85.0	85.8	86.1	86.1	86.5	86.7	86.7	86.8	86.9
≥ 1800	0	68.8	77.9	82.6	84.7	85.1	86.0	86.3	86.3	86.7	86.8	86.8	87.0	87.1
≥ 1500	0	70.4	80.1	85.0	87.4	87.8	88.8	89.1	89.1	89.5	89.6	89.6	89.8	89.9
≥ 1200	0	70.8	80.7	85.8	88.2	88.6	89.6	89.9	89.9	90.3	90.5	90.5	90.7	90.8
≥ 1000	0	72.0	82.3	87.7	90.3	90.8	92.0	92.3	92.3	92.8	92.9	93.0	93.1	93.2
≥ 900	0	72.2	82.6	88.1	90.7	91.2	92.4	92.7	92.7	93.2	93.4	93.4	93.5	93.6
≥ 800	0	72.5	83.1	88.7	91.4	91.9	93.2	93.5	93.5	94.0	94.3	94.3	94.4	94.5
≥ 700	0	72.6	83.3	89.1	91.8	92.4	93.7	94.0	94.0	94.6	94.8	94.8	95.0	95.1
≥ 600	0	72.7	83.6	89.4	92.3	92.9	94.2	94.6	94.6	95.2	95.4	95.4	95.6	95.7
≥ 500	0	73.1	84.2	90.3	93.5	94.2	95.7	96.2	96.2	96.8	97.1	97.1	97.3	97.4
≥ 400	0	73.2	84.4	90.6	93.8	94.6	96.2	96.7	96.8	97.4	97.8	97.8	98.0	98.1
≥ 300	0	73.2	84.5	90.8	94.1	94.9	96.5	97.2	97.2	97.9	98.3	98.3	98.6	98.7
≥ 200	0	73.2	84.5	90.9	94.2	95.0	96.7	97.4	97.5	98.3	98.7	98.7	99.1	99.3
≥ 100	0	73.2	84.5	90.9	94.2	95.0	96.8	97.5	97.5	98.3	98.8	98.8	99.2	99.3
0	0	73.2	84.5	90.9	94.2	95.0	96.8	97.5	97.5	98.3	98.8	98.8	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS 14608

NAVWEASERVCOM

2583

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMH

MMH

STATION	STATION NAME	73-77
13734	CHERRY POINT, NORTH CAROLINA	

CHERRY POINT, NORTH CAROLINA

73-77

JAN
MONTH

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	01	38.7	.6	4.5	1.3	3.2	3.2	3.2	1.3	3.9	3.9	36.1	5.0	155
	04	36.1		3.9	.6	5.2	1.9	4.5	2.6	5.2	.6	39.4	5.3	155
	07	20.0	1.3	7.1	5.8	5.2	1.9	3.9	4.5	6.5	5.8	38.1	6.0	155
	10	21.3	3.2	5.2	2.6	4.5	1.3	7.1	1.9	12.9	3.2	36.8	6.0	155
	13	18.7	7.1	3.9	7.7	3.2	2.6		5.8	7.1	7.7	36.1	5.9	155
	16	21.9	6.5	1.9	7.1	2.6	4.5	3.2	2.6	8.4	5.8	35.5	5.8	155
	19	25.2	3.2	5.2	4.5	4.5	1.3	5.2	2.6	7.7	3.2	37.4	5.7	155
	22	35.5	.6	3.2	1.9	6.5	2.6	4.5	3.9	5.8	.6	34.8	5.1	155
TOTALS		27.2	2.8	4.6	3.9	4.4	2.6	4.0	3.2	7.2	3.9	36.8	5.6	1260

SKY COVER

5704 SKY COVER JAN 68

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 PERIOD FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	01	46.8	1.4	2.1	7.1	3.5	1.4	1.4	2.8	2.1	2.1	29.1	4.0	141
	04	44.0	3.5	2.8	3.5	4.3	.7	.7	4.3	6.4	1.4	28.4	4.2	141
	07	27.0	5.7	5.7	4.3	7.1	2.8	5.0	3.5	5.0	7.1	27.0	5.0	141
	10	27.0	5.7	7.1	5.7	3.5	.7	3.5	7.8	9.2	1.4	28.4	5.0	141
	13	26.2	2.1	6.4	4.3	4.3	6.4	3.5	5.0	6.4	2.1	33.3	5.4	141
	16	22.0	6.4	2.8	6.4	3.5	2.8	4.3	5.7	9.9	5.0	31.2	5.6	141
	19	31.2	2.8	6.4	4.3	5.7	6.4	1.4	4.3	6.4	2.1	29.1	4.8	141
	22	41.1	1.4	5.7	5.0	6.4	2.1	.7	3.5	2.8	2.1	29.1	4.3	141
TOTALS		33.2	3.6	4.9	5.1	4.8	2.9	2.6	4.6	6.0	2.9	29.5	4.8	1128

STATION	STATION NAME	PERIOD	MONTH
13756	CHERRY POINT, NORTH CAROLINA	73-77	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	01	34.2	.6	2.6	7.1	3.9	1.3	3.9	3.2	3.2	1.3	38.7	5.2	155
	04	35.5	.6	2.6	5.2	3.2	2.6	2.6	1.9	5.8	1.3	38.7	5.2	155
	07	19.4	3.2	1.9	7.1	2.6	1.9	2.6	3.2	9.0	5.8	43.2	6.4	155
	10	18.1	7.1	3.9	4.5	3.2	.6	1.3	5.2	7.7	4.5	43.9	6.3	155
	13	12.3	4.5	3.2	4.5	6.5	4.5	3.9	3.2	10.3	3.9	43.2	6.7	155
	16	11.6	3.9	5.2	3.9	4.5	4.5	3.9	5.2	9.0	6.5	42.6	6.8	155
	19	13.5	1.9	6.5	5.8	3.9	4.5	3.2	5.8	11.0	4.5	39.4	6.5	155
	22	29.7	3.2	3.9	7.7	4.5	1.3	4.5	1.9	7.1	1.3	34.8	5.2	155
TOTALS		21.8	3.1	3.7	5.7	4.0	2.6	3.4	3.5	7.9	3.6	40.6	6.0	1240

SKY COVER

5704 SKY COVER JAN 68

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 PERIOD AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	01	27.1	3.9	5.2	9.7	10.3	7.7	4.5	3.2	9.0	3.2	16.1	4.4	155
	04	25.8	4.3	5.2	8.4	8.4	9.7	5.8	7.7	7.1	3.9	13.5	4.4	155
	07	9.7	2.6	7.1	5.8	9.0	9.0	5.2	12.3	11.6	5.8	21.9	6.0	155
	10	9.7	2.6	4.5	2.6	11.6	7.7	5.8	9.7	17.4	9.7	18.7	6.2	155
	13		1.3	1.3	6.5	12.3	11.0	5.2	12.3	20.0	12.3	18.1	6.9	155
	16	1.9	3.2	2.6	7.7	7.1	14.2	5.8	7.7	19.4	7.1	23.2	6.7	155
	19	7.1	3.9	7.1	10.3	8.4	6.5	5.2	11.0	9.0	9.0	22.6	6.0	155
	22	22.6	2.6	5.8	11.6	7.1	7.7	4.5	9.0	7.7	.6	20.6	4.8	155
TOTALS		13.0	3.1	4.9	7.8	9.3	9.2	5.3	9.1	12.7	6.5	19.3	5.7	1240

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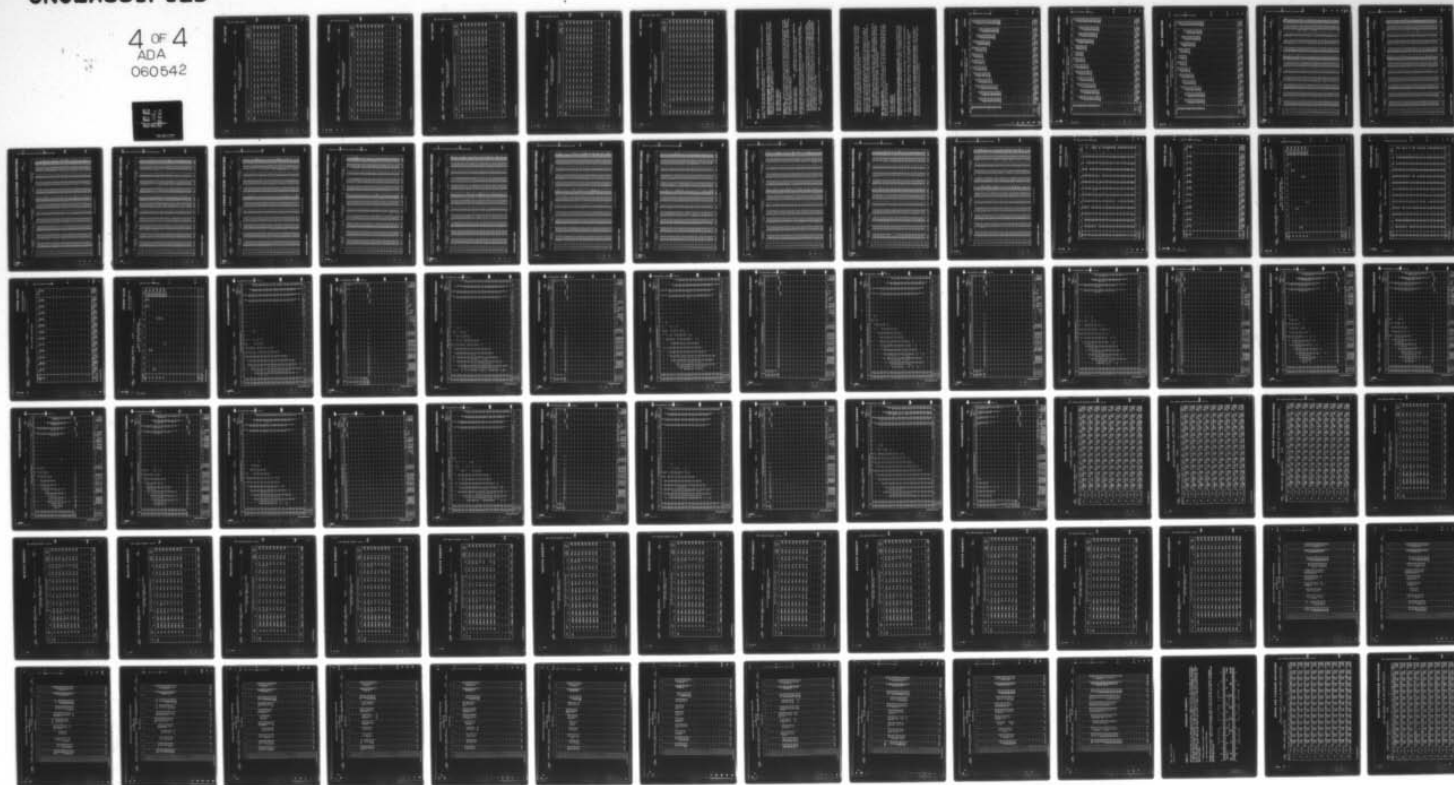
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) CHERRY P--ETC(U)
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SKY COVER

5704 SKY COVER JAN 68

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 PERIOD ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.2	2.8	4.4	3.9	4.4	2.4	4.0	3.2	7.2	3.9	36.8	5.6	1240
FEB		33.2	3.6	4.9	5.1	4.8	2.9	2.6	4.6	6.0	2.9	29.5	4.8	1128
MAR		21.8	3.1	3.7	5.7	4.0	2.6	3.4	3.5	7.9	3.6	40.6	6.0	1240
APR		33.0	2.9	5.4	5.7	5.3	4.2	3.1	6.7	8.2	2.9	22.5	4.6	1200
MAY		15.7	3.4	5.3	7.7	5.6	4.4	4.4	8.8	11.4	6.4	27.2	5.9	1240
JUN		12.2	2.5	4.2	6.3	7.7	6.1	5.3	8.8	12.5	8.3	26.3	6.2	1200
JUL		9.6	2.8	6.6	8.4	8.5	7.7	7.2	8.3	11.0	6.6	23.4	5.9	1240
AUG		13.0	3.1	4.9	7.8	9.3	9.2	5.3	9.1	12.7	6.5	19.3	5.7	1240
SEP		14.3	2.3	6.9	7.7	8.5	6.3	5.3	6.8	12.7	7.2	22.3	5.7	1200
OCT		31.2	4.0	4.8	6.1	4.5	4.0	4.9	4.5	7.7	6.0	22.3	4.7	1240
NOV		33.9	4.5	5.7	6.2	5.1	3.9	2.9	5.6	6.1	4.3	21.7	4.4	1200
DEC		25.7	4.5	5.9	5.5	3.0	2.1	2.3	4.1	7.5	3.8	35.7	5.5	1240
TOTALS		22.6	3.3	5.2	6.3	5.9	4.7	4.2	6.2	9.2	5.2	27.3	5.4	14608

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

- a. Daily maximum temperature
- b. Daily minimum temperature
- c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

12734 STATION CHERRY POINT, NORTH CAROLINA 43-77 YEARS
 CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)
 MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100						.7	.3	.2	.1				.1
95					.9	4.1	4.7	3.6	.7	.1			1.2
90				.7	5.3	19.5	33.6	28.0	8.9	.6			8.2
85			.2	6.9	22.1	51.4	77.8	72.2	39.5	4.0	.4		23.2
80		.3	1.0	21.3	48.4	83.0	95.9	93.1	70.8	20.0	3.6	.1	37.2
75	3.7	3.2	14.1	42.9	77.1	94.7	99.4	99.4	88.1	68.3	16.6	3.5	49.7
70	11.4	13.2	28.5	63.2	90.4	98.6	99.9	100.0	97.4	72.8	36.1	14.9	61.0
65	25.3	26.2	46.3	82.1	97.6	99.8	100.0		99.6	90.3	54.6	28.1	71.2
60	38.7	44.4	63.8	93.4	99.7	100.0			100.0	96.7	72.3	43.6	79.7
55	52.0	59.5	79.6	97.8	99.9					99.0	86.0	58.8	86.3
50	66.0	73.9	90.0	99.8	100.0					100.0	94.4	75.2	91.8
45	78.4	86.8	96.9	100.0							98.7	86.2	95.7
40	89.3	94.6	99.0								99.8	95.2	98.2
35	95.8	98.1	99.9								100.0	98.5	99.4
30	99.3	99.7	100.0									99.6	99.9
25	99.9	99.9										100.0	100.0
20	100.0	100.0											100.0
15													
10													
5													
0													
MEAN	54.9	57.0	63.2	72.3	79.0	84.6	87.5	86.8	82.2	73.5	65.1	57.2	71.9
S. D.	11.78	10.65	10.08	8.33	6.84	5.94	4.50	4.65	5.97	6.97	9.17	10.58	14.29
TOTAL OBS.	991	904	1023	989	1022	990	1023	1023	989	1022	989	1023	11988

DAILY TEMPERATURES

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

45-77

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						3	3						.1
75						7.3	21.5	17.4	2.7				4.2
70						40.3	75.8	70.2	38.0	2			19.8
65						74.7	94.3	94.4	69.3	3.0			32.8
60						92.3	98.8	99.4	87.9	17.2	2.0		43.2
55						98.5	99.9	100.0	95.5	39.0	8.0		52.0
50						99.6	100.0		99.1	58.7	17.9		60.7
45						99.9			100.0	76.2	32.3	13.9	69.2
40						100.0				88.9	50.8	24.2	78.0
35										95.4	70.6	38.6	86.1
30										98.5	85.3	57.4	93.2
25										99.7	95.6	76.9	97.5
20										100.0	99.5	91.8	99.3
15											99.9	97.5	99.9
10											100.0	100.0	100.0
5													100.0
MEAN	36.1	37.0	43.3	51.4	60.2	67.5	71.5	71.1	66.6	55.8	45.0	37.5	53.6
S. D.	10.292	9.627	9.375	8.257	6.792	5.333	3.917	3.713	5.750	8.815	9.472	10.189	15.324
TOTAL OBS.	991	904	1023	989	1022	990	1023	1023	987	1023	989	1022	11986

NAVWEASERYCOM

5721 Daily Temperatures Jan 1986

DAILY TEMPERATURES

13754
STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

45-77

YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						.3	.2						.0
85					.2	3.8	8.4	5.9	.5				1.6
80			.2		3.9	26.3	55.3	48.3	18.5	.8			13.0
75			.5	3.8	23.5	65.8	93.1	89.6	56.9	6.6	12		28.7
70	.4	.1	4.5	20.5	55.2	90.2	99.6	99.4	84.1	28.4	5.5	.7	41.1
65	4.1	3.5	12.2	40.2	80.9	98.0	100.0	100.0	95.3	55.1	15.3	4.9	51.3
60	10.4	11.1	27.8	60.1	93.9	99.6			99.5	78.2	34.1	12.4	61.1
55	22.2	23.3	43.6	81.1	99.2	100.0		100.0		91.9	53.1	24.2	70.3
50	36.0	39.6	64.3	95.6	99.8					97.6	73.4	40.8	79.3
45	52.8	59.5	83.3	99.3	100.0					99.4	88.7	60.4	87.2
40	71.0	79.1	95.1	100.0						100.0	96.7	79.4	93.6
35	85.8	90.8	99.0								99.5	91.6	97.3
30	93.9	97.2	99.9								99.9	97.9	99.1
25	98.8	99.7	100.0								100.0	99.5	99.8
20	99.9	99.9										100.0	100.0
15	100.0	100.0											100.0
MEAN	45.7	47.2	53.5	62.1	69.9	76.3	79.8	79.2	74.7	64.9	55.3	47.6	63.0
S. D.	10.347	9.433	9.063	7.608	6.108	5.095	3.582	3.643	3.338	7.131	8.622	9.649	14.442
TOTAL OBS.	991	904	1023	989	1022	990	1023	1023	987	1022	989	1022	11985

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

13754

CHERRY POINT, NORTH CAROLINA

1946-1977

JANUARY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP			DATE
	° F	° C	AVERAGE ° F	° C	EXTREME ° F	AVERAGE ° F	° C	EXTREME ° F	° C
1	47.1	8.4	56.4	13.6	77	37.7	3.2	20	-6.7
2	45.7	7.6	55.6	13.1	79	35.9	2.2	24	-4.4
3	46.9	8.3	56.4	13.6	76	37.5	3.1	23	-5.0
4	47.4	8.6	56.8	13.8	75	38.1	3.4	21	-6.1
5	45.0	7.2	53.9	12.2	75	36.2	2.3	20	-6.7
6	45.8	7.7	54.8	12.7	76	36.8	2.7	16	-8.9
7	45.8	7.7	54.6	12.6	73	36.9	2.7	26	-3.3
8	43.1	6.2	51.2	10.7	76	35.1	1.7	18	-7.8
9	45.0	7.2	54.1	12.3	73	35.9	2.2	12	-11.1
10	46.0	7.8	56.4	13.6	77	35.5	1.9	12	-11.1
11	43.9	6.6	52.5	11.4	76	35.3	1.8	15	-9.4
12	43.5	6.4	52.1	11.2	72	34.8	1.6	14	-10.0
13	44.7	7.1	54.7	12.6	74	34.6	1.4	10	-12.2
14	45.2	7.3	54.9	12.7	74	35.5	1.9	22	-5.6
15	45.4	7.4	53.6	12.0	74	37.2	2.9	18	-7.8
16	43.7	6.5	53.5	11.9	80	33.9	1.1	15	-9.4
17	41.2	5.1	50.7	10.4	74	31.7	-0.2	8	-13.3
18	42.8	6.0	51.9	11.1	72	33.7	0.9	11	-11.7
19	44.7	7.1	54.1	12.3	75	35.4	1.9	14	-10.0
20	45.0	7.2	54.2	12.3	74	35.7	2.1	16	-8.9
21	46.0	7.8	56.0	13.3	76	36.0	2.2	17	-8.3
22	45.3	7.4	54.5	12.5	73	36.0	2.2	16	-8.9
23	45.7	7.6	55.8	13.2	75	35.6	2.0	15	-9.4
24	47.2	8.4	57.0	13.9	77	37.4	3.0	18	-7.8
25	46.6	8.1	55.6	13.1	80	37.7	3.2	18	-7.8
26	48.5	9.2	56.5	14.7	78	38.4	3.6	22	-5.6
27	48.9	9.4	58.9	14.9	75	38.9	3.8	25	-3.9
28	46.1	7.8	56.5	13.6	77	35.8	2.1	22	-5.6
29	46.1	7.8	55.6	13.1	78	36.7	2.6	17	-8.3
30	46.4	8.0	55.4	13.0	77	37.3	2.9	16	-8.9
31	45.8	7.7	56.1	13.4	80	35.5	1.9	16	-8.9
Monthly	45.5	7.5	54.9	12.7	80	36.1	2.3	8	-13.3

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURE MAR 1978

STATION 13754 CHERRY POINT, NORTH CAROLINA 1945-1977 MONTH MARCH YEARS

DAY	MEAN TEMP		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	50.3	10.2	60.1	15.6	58.5	14.7	40.5	4.7	1976
2	48.9	9.4	58.5	14.7	58.5	14.7	39.3	4.1	1976
3	52.6	11.4	63.4	17.4	63.4	17.4	41.8	5.4	1976
4	53.6	12.0	63.4	17.4	63.4	17.4	43.7	6.5	1967
5	54.1	12.3	64.2	17.9	64.2	17.9	44.0	6.7	1967
6	53.3	11.8	62.9	17.2	62.9	17.2	43.6	6.4	1967*
7	51.5	10.8	60.6	15.9	60.6	15.9	42.4	5.8	1974
8	51.7	10.9	62.3	16.8	62.3	16.8	41.1	5.1	1974
9	49.5	9.7	59.5	15.3	59.5	15.3	39.6	4.2	1974
10	50.5	10.3	61.6	16.4	61.6	16.4	39.3	4.1	1974
11	52.9	11.6	63.6	17.6	63.6	17.6	42.1	5.6	1967
12	54.5	12.5	64.9	18.3	64.9	18.3	44.2	6.8	1973
13	55.8	13.2	65.0	18.3	65.0	18.3	46.7	8.2	1972
14	54.1	12.3	64.2	17.9	64.2	17.9	44.1	6.7	1967
15	53.7	12.1	64.0	17.8	64.0	17.8	43.4	6.3	1967
16	53.7	12.1	63.2	17.3	63.2	17.3	44.2	6.8	1977
17	51.7	10.9	61.6	16.4	61.6	16.4	41.8	5.4	1945
18	52.2	11.2	61.9	16.6	61.9	16.6	42.5	5.8	1945
19	53.6	12.0	63.1	17.3	63.1	17.3	44.1	6.7	1945
20	54.2	12.3	63.7	17.6	63.7	17.6	44.6	7.0	1948
21	54.5	12.5	63.4	17.4	63.4	17.4	45.7	7.6	1968
22	53.9	12.2	63.9	17.7	63.9	17.7	44.0	6.7	1948
23	53.4	11.9	64.2	17.9	64.2	17.9	42.5	5.8	1966*
24	55.5	13.1	67.2	19.6	67.2	19.6	43.9	6.6	1945
25	54.9	12.7	64.4	18.0	64.4	18.0	45.3	7.4	1946
26	55.6	13.1	65.3	18.5	65.3	18.5	45.8	7.7	1959
27	54.4	12.4	64.1	17.8	64.1	17.8	44.6	7.0	1945
28	54.0	12.2	63.9	17.7	63.9	17.7	44.2	6.8	1945
29	56.3	13.5	67.1	19.5	67.1	19.5	45.6	7.6	1945
30	57.2	14.0	66.5	19.2	66.5	19.2	47.9	8.8	1945
31	55.7	13.2	64.8	18.2	64.8	18.2	46.5	8.1	1977
Monthly	53.5	11.9	63.4	17.4	63.4	17.4	43.5	6.4	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

APRIL

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	57.4	14.1	68.6	20.3	84	28.9	84	28.9	46.1	7.8	32	0.0	1966
2	60.9	16.1	71.3	21.8	89	31.7	89	31.7	50.5	10.3	30	-1.1	1964
3	60.3	15.7	71.2	21.8	90	32.2	90	32.2	49.4	9.7	32	0.0	1966
4	59.6	15.3	69.2	20.7	85	29.4	85	29.4	50.0	10.0	37	2.8	1971
5	58.7	14.8	68.2	20.1	86	30.0	86	30.0	49.2	9.6	38	3.3	1961
6	58.0	14.4	67.4	19.7	82	27.8	82	27.8	48.6	9.2	37	2.8	1975
7	59.5	15.3	69.4	20.8	93	33.9	93	33.9	49.6	9.8	33	0.6	1974
8	59.0	15.0	70.4	21.3	85	29.4	85	29.4	47.7	8.7	35	1.7	1975*
9	58.3	14.6	69.0	20.6	89	31.7	89	31.7	47.6	8.7	31	-0.6	1972
10	57.4	14.1	67.7	19.8	83	28.3	83	28.3	47.2	8.4	29	-1.7	1972
11	58.8	14.9	70.0	21.1	81	27.2	81	27.2	47.5	8.6	32	0.0	1974
12	60.6	15.9	70.4	21.3	87	30.6	87	30.6	50.8	10.4	34	1.1	1973
13	59.8	15.4	70.3	21.3	89	31.7	89	31.7	49.2	9.6	34	1.1	1976
14	60.5	15.8	70.8	21.6	87	30.6	87	30.6	50.3	10.2	34	1.1	1950
15	61.1	16.2	71.1	21.7	90	32.2	90	32.2	51.1	10.6	34	1.1	1950
16	61.3	16.3	71.9	22.2	89	31.7	89	31.7	50.7	10.4	33	0.6	1963
17	60.5	15.8	72.0	22.2	88	31.1	88	31.1	49.1	9.5	37	2.8	1966*
18	63.2	17.3	75.3	24.1	85	29.4	85	29.4	51.0	10.6	36	2.2	1966
19	64.4	18.0	75.3	24.1	89	31.7	89	31.7	53.5	11.9	42	5.6	1961
20	64.2	17.9	75.0	23.9	91	32.8	91	32.8	53.5	11.9	40	4.4	1961
21	63.0	17.2	74.3	23.5	88	31.1	88	31.1	51.8	11.0	34	1.1	1961
22	64.4	18.0	74.9	23.8	87	30.6	87	30.6	53.8	12.1	38	3.3	1953
23	67.2	19.6	78.2	25.7	89	31.7	89	31.7	56.2	13.4	46	7.8	1947
24	67.5	19.7	78.2	25.7	89	31.7	89	31.7	56.8	13.8	40	4.4	1959
25	65.8	18.8	75.3	24.1	88	31.1	88	31.1	56.2	13.4	41	5.0	1963
26	65.3	18.5	75.5	24.2	87	30.6	87	30.6	55.2	12.9	36	2.2	1974
27	64.6	18.1	74.4	23.6	89	31.7	89	31.7	54.8	12.7	36	2.2	1972
28	64.1	17.8	73.5	23.1	91	32.8	91	32.8	54.7	12.6	40	4.4	1967
29	63.8	17.7	73.2	22.9	90	32.2	90	32.2	54.3	12.4	37	2.8	1967
30	65.9	18.8	76.1	24.5	92	33.3	92	33.3	55.7	13.2	40	4.4	1977
31													
Monthly	61.8	16.6	72.3	22.4	93	33.9	93	33.9	51.4	10.8	29	-1.7	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1970

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

MAY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP		MINIMUM TEMP		DATE
	AVERAGE ° F	AVERAGE ° C	AVERAGE ° F	EXTREME ° F	AVERAGE ° F	EXTREME ° F	
1	67.1	19.5	77.1	88	57.0	37	1953
2	67.2	19.6	76.7	87	57.8	33	1965
3	67.5	19.7	77.2	91	57.7	36	1959
4	65.6	18.7	75.3	86	55.9	43	1965
5	65.9	18.8	75.8	89	56.0	38	1952*
6	67.0	19.4	77.7	96	56.4	46	1952
7	67.5	19.7	77.8	90	57.2	47	1977
8	66.0	18.9	75.8	91	56.3	45	1964
9	67.3	19.6	77.7	90	56.8	45	1964
10	66.8	19.3	77.3	92	56.4	38	1964
11	68.7	20.4	79.5	90	57.8	36	1964
12	68.6	20.3	78.2	91	59.1	43	1964
13	69.0	20.6	78.0	91	59.9	46	1953
14	69.8	21.0	79.4	96	60.2	51	1956
15	69.7	20.9	78.8	95	60.6	48	1962
16	70.2	21.2	79.4	92	60.9	45	1932
17	71.0	21.7	81.2	92	60.8	48	1960
18	71.6	22.0	81.6	94	61.6	50	1977
19	70.4	21.3	80.3	95	60.4	43	1962
20	71.8	22.1	80.3	95	63.2	53	1964
21	70.8	21.6	79.7	95	62.0	50	1962
22	71.4	21.9	80.7	92	62.1	51	1931
23	72.3	22.4	81.5	96	63.0	52	1953
24	72.0	22.2	81.1	94	62.9	51	1965
25	71.9	22.2	80.2	92	63.6	49	1962*
26	72.1	22.3	79.8	98	64.4	54	1953
27	71.0	21.7	79.8	91	62.2	46	1975
28	71.3	21.8	80.2	94	62.4	46	1967
29	72.1	22.3	80.6	95	63.5	50	1967
30	72.4	22.4	81.2	90	63.7	53	1945
31	72.6	22.6	80.4	89	64.7	53	1973*
Monthly	69.6	20.9	79.0	98	60.2	33	1953

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

JUNE

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C		
1	72.8	22.7	81.9	27.7	91	32.8	1974*	63.8	17.7	47	8.3	1966
2	73.2	22.9	81.9	27.7	99	37.2	1945	64.5	18.1	44	6.7	1966
3	72.2	22.3	80.8	27.1	94	34.4	1954	63.6	17.6	49	9.4	1966
4	71.6	22.0	80.3	26.8	90	32.2	1975	62.9	17.2	53	11.7	1966
5	72.5	22.5	81.5	27.5	91	32.8	1955	63.5	17.5	55	12.8	1966*
6	73.8	23.2	83.5	28.6	94	34.4	1955	64.0	17.8	55	12.8	1966*
7	74.3	23.5	82.9	28.3	93	33.9	1952	65.8	18.8	55	12.8	1977
8	75.4	24.1	84.0	28.9	95	35.0	1963	66.8	19.3	46	7.8	1977
9	76.0	24.4	84.6	29.2	98	36.7	1952	67.4	19.7	59	15.0	1972
10	76.2	24.6	84.8	29.3	98	36.7	1963	67.5	19.7	57	13.9	1977
11	75.1	23.9	84.2	29.0	100	37.8	1963	66.1	18.9	53	11.7	1977
12	75.9	24.4	84.5	29.2	94	34.4	1963	67.3	19.6	52	11.1	1972
13	76.5	24.7	85.4	29.7	93	33.9	1957	67.5	19.7	53	12.8	1972
14	76.5	24.7	85.4	29.7	95	35.0	1964	67.6	19.8	57	13.9	1966
15	76.4	24.7	84.6	29.2	96	35.6	1964	68.3	20.2	58	14.4	1961
16	75.5	24.2	84.0	28.9	95	35.0	1957	67.1	19.5	55	12.8	1961
17	75.6	24.2	83.0	28.3	93	33.9	1950*	68.2	20.1	57	13.9	1961
18	76.2	24.6	83.9	28.8	93	33.9	1957*	68.5	20.3	54	12.2	1965
19	76.6	24.8	84.8	29.3	97	36.1	1970	68.4	20.2	52	11.1	1965
20	77.4	25.2	85.5	29.7	95	35.0	1950	69.4	20.8	54	12.2	1965
21	77.3	25.2	85.4	29.7	95	35.0	1950	69.1	20.6	55	12.8	1965
22	77.3	25.2	85.4	29.7	93	33.9	1945	69.3	20.7	57	13.9	1966
23	77.5	25.3	85.8	29.9	98	36.7	1954	69.3	20.7	59	15.0	1975
24	77.8	25.4	86.8	30.4	97	36.1	1956	68.9	20.5	56	13.3	1947
25	78.9	26.1	87.6	30.9	101	38.3	1952	70.2	21.2	62	16.7	1972
26	78.6	25.9	86.6	30.3	100	37.8	1952	70.6	21.4	60	15.6	1974
27	78.8	26.0	87.0	30.6	104	40.0	1952	70.6	21.4	62	16.7	1965
28	78.0	25.6	85.7	29.8	96	35.6	1959	70.3	21.3	60	15.6	1965
29	78.5	25.8	87.0	30.6	101	38.3	1959	70.0	21.1	61	16.1	1974
30	78.7	25.9	87.5	30.8	101	38.3	1959	69.9	21.1	58	14.4	1964
31												
Monthly	76.0	24.4	84.6	29.2	104	40.0	1952	67.5	19.7	44	6.7	1966

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

STATION
13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

1945-1977

YEARS

JULY

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	79.2	26.2	88.1	31.2	96	35.6	1953		70.2	21.2	62	16.7	1965*	
2	78.6	25.9	87.2	30.7	94	34.4	1953		70.0	21.1	52	11.1	1975	
3	78.6	25.9	86.6	30.3	96	35.6	1954		70.6	21.4	56	13.3	1965	
4	78.8	26.0	86.8	30.4	93	33.9	1958		70.8	21.6	61	16.1	1947	
5	78.5	25.8	86.7	30.4	94	34.4	1969		70.3	21.3	57	13.9	1963	
6	78.2	25.7	86.2	30.1	97	36.1	1977		70.3	21.3	58	14.4	1964	
7	78.2	25.7	86.0	30.0	99	37.2	1977		70.4	21.3	60	15.6	1964	
8	78.6	25.9	86.3	30.2	96	35.6	1977		70.9	21.6	62	16.7	1972*	
9	78.7	25.9	86.1	30.1	98	36.7	1977		71.4	21.9	61	16.1	1972	
10	78.2	25.7	85.7	29.8	91	32.8	1977*		70.7	21.5	61	16.1	1963	
11	78.6	25.9	85.8	29.9	93	33.9	1966		71.4	21.9	58	14.4	1963	
12	78.6	25.9	86.3	30.2	97	36.1	1976		71.0	21.7	60	15.6	1963	
13	79.5	26.4	87.8	31.0	100	37.8	1951		71.2	21.8	57	13.9	1974	
14	80.2	26.8	88.0	31.1	94	34.4	1977		72.5	22.5	62	16.7	1974*	
15	80.5	26.9	88.1	31.2	98	36.7	1976		72.8	22.7	63	18.3	1953	
16	79.7	26.5	87.7	30.9	95	35.0	1976		71.7	22.1	61	16.1	1954	
17	79.5	26.4	87.3	30.7	93	33.9	1958*		71.7	22.1	61	16.1	1954	
18	79.9	26.6	88.0	31.1	96	35.6	1955		71.7	22.1	59	15.0	1946	
19	80.3	26.8	88.5	31.4	96	35.6	1955		72.1	22.3	62	16.7	1946	
20	80.3	26.8	88.7	31.5	97	36.1	1977		71.8	22.1	64	17.8	1962	
21	79.8	26.6	87.8	31.0	100	37.8	1952		71.8	22.1	62	16.7	1966	
22	80.5	26.9	88.6	31.4	101	38.3	1952		72.3	22.4	61	16.1	1974*	
23	80.3	26.8	88.7	31.5	98	36.7	1952		71.9	22.2	59	15.0	1965	
24	80.5	26.9	89.3	31.8	99	37.2	1952		71.7	22.1	59	15.0	1977	
25	80.0	26.7	87.4	30.8	95	35.0	1949		72.6	22.6	63	18.3	1977	
26	80.2	26.8	88.3	31.3	98	36.7	1949		72.0	22.2	66	18.9	1963	
27	79.8	26.6	87.6	30.9	98	36.7	1949		72.1	22.3	66	18.9	1975*	
28	80.3	26.8	88.6	31.4	99	37.2	1955		71.9	22.2	60	15.6	1963	
29	80.6	27.0	88.9	31.6	98	36.7	1952		72.3	22.4	64	17.8	1963	
30	80.4	26.9	88.5	31.4	96	35.6	1952		72.2	22.3	66	18.9	1950	
31	80.2	26.8	87.9	31.1	99	37.2	1953		72.5	22.5	65	18.3	1966	
Monthly	79.5	26.4	87.5	30.8	101	38.3	1952		71.5	21.9	52	11.1	1975	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		MAXIMUM TEMP				MINIMUM TEMP					
	AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME			
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C		
1	80.4	26.9	88.5	31.4	97	36.1	1957	72.3	22.4	64	17.8	1966
2	80.1	26.7	88.8	31.6	97	36.1	1953*	71.5	21.9	62	16.7	1966
3	80.2	26.8	88.6	31.4	97	36.1	1975	71.8	22.1	66	18.9	1965*
4	79.6	26.4	87.1	30.6	97	36.1	1954	72.1	22.3	65	18.3	1956
5	79.2	26.2	86.6	30.3	101	38.3	1954	71.9	22.2	65	18.3	1951
6	78.4	25.8	86.2	30.1	95	35.0	1968	70.6	21.4	59	15.0	1951
7	78.8	26.0	87.2	30.7	98	36.7	1968	70.4	21.3	61	16.1	1950
8	79.4	26.3	88.2	31.2	97	36.1	1951	70.6	21.4	63	17.2	1950
9	79.5	26.4	87.5	30.8	94	34.4	1960	71.4	21.9	64	17.8	1950
10	79.7	26.5	87.6	30.9	94	34.4	1951	71.7	22.1	63	17.2	1971
11	79.1	26.2	86.9	30.5	94	34.4	1977*	71.2	21.8	64	17.8	1974*
12	79.1	26.2	86.8	30.4	96	35.6	1957	71.5	21.9	60	15.6	1974*
13	79.1	26.2	86.5	30.3	96	35.6	1956	71.7	22.1	63	17.2	1964
14	79.5	26.4	87.6	30.9	94	34.4	1975	71.4	21.9	61	16.1	1964
15	79.9	26.6	87.7	30.9	94	34.4	1975*	72.0	22.2	60	15.6	1950
16	79.3	26.3	86.8	30.4	100	37.8	1954	71.7	22.1	62	16.7	1963
17	79.0	26.1	86.6	30.3	98	36.7	1975	71.5	21.9	64	17.8	1972*
18	79.4	26.3	87.2	30.7	95	35.0	1968	71.6	22.0	64	17.8	1976*
19	79.2	26.2	87.1	30.6	95	35.0	1954	71.3	21.8	65	18.3	1977
20	78.8	26.0	86.2	30.1	94	34.4	1954	71.3	21.8	65	18.3	1977*
21	78.8	26.0	86.5	30.3	95	35.0	1968*	71.2	21.8	63	17.2	1977
22	79.1	26.2	86.9	30.5	96	35.6	1959*	71.2	21.8	65	18.3	1969*
23	78.6	25.9	85.6	29.8	97	36.1	1975*	71.5	21.9	63	17.2	1969
24	78.1	25.6	85.6	29.8	96	35.6	1968	70.6	21.4	63	17.2	1953
25	77.0	25.0	83.9	28.8	93	33.9	1975*	70.2	21.2	64	17.8	1969*
26	78.2	25.7	85.8	29.9	98	36.7	1954	70.5	21.4	62	16.7	1946
27	77.5	25.3	85.4	29.7	95	35.0	1959	69.6	20.9	58	14.4	1963*
28	78.1	25.6	86.0	30.0	94	34.4	1948	70.2	21.2	57	13.9	1963
29	78.1	25.6	86.3	30.2	94	34.4	1948	69.9	21.1	60	15.6	1963
30	78.1	25.6	86.7	30.4	95	35.0	1956	69.5	20.8	59	15.0	1975*
31	78.3	25.7	86.4	30.2	95	35.0	1970	70.2	21.2	60	15.6	1965*
Monthly	79.0	26.1	86.8	30.4	101	38.3	1954	71.1	21.7	57	13.9	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

SEPTEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	77.8	25.4	85.5	29.7	93	33.9	1958		70.2	21.2	58	14.4	1965	
2	77.5	25.3	85.4	29.7	94	34.4	1966		69.7	20.9	59	15.0	1967	
3	77.9	25.5	86.1	30.1	95	35.0	1950		69.8	21.0	59	15.0	1967	
4	77.7	25.4	85.7	29.8	93	33.9	1966*		69.7	20.9	58	14.4	1967	
5	77.0	25.0	84.6	29.2	95	35.0	1954		69.4	20.8	61	16.1	1950	
6	76.8	24.9	84.1	28.9	100	37.8	1954		69.5	20.8	62	16.7	1950	
7	76.5	24.7	83.9	28.8	96	35.6	1954		69.2	20.7	58	14.4	1965	
8	75.6	24.2	83.0	28.3	91	32.8	1954		68.2	20.1	54	12.2	1965	
9	75.6	24.2	83.5	28.6	92	33.3	1946		67.6	19.8	57	13.9	1966*	
10	75.3	24.1	83.5	28.6	90	32.2	1974*		67.1	19.5	55	12.8	1963	
11	75.5	24.2	83.5	28.6	95	35.0	1965*		67.4	19.7	56	13.3	1976*	
12	75.0	23.9	83.1	28.4	92	33.3	1974		66.8	19.3	57	13.9	1976	
13	74.2	23.4	82.2	27.9	90	32.2	1974*		66.3	19.1	58	14.4	1962	
14	74.3	23.5	82.6	28.1	93	33.9	1952		65.9	18.8	50	10.0	1964	
15	74.6	23.7	82.5	28.1	92	33.3	1956		66.6	19.2	49	9.4	1964	
16	74.5	23.6	82.2	27.9	92	33.3	1956		66.9	19.4	54	12.2	1964	
17	74.7	23.7	82.0	27.8	94	34.4	1958		67.4	19.7	52	11.1	1963	
18	74.5	23.6	81.8	27.7	95	35.0	1958		67.2	19.6	56	13.3	1962	
19	74.8	23.8	82.6	28.1	91	32.8	1965		67.0	19.4	55	12.8	1963	
20	74.7	23.7	82.9	28.3	91	32.8	1965		66.7	19.3	54	12.2	1962	
21	74.9	23.8	82.8	28.2	92	33.3	1945		67.0	19.4	53	11.7	1962	
22	73.1	22.8	80.7	27.1	92	33.3	1957		65.5	18.6	52	11.1	1963	
23	72.1	22.3	80.1	26.7	90	32.2	1961		64.1	17.8	48	8.9	1963	
24	71.2	21.8	79.8	26.6	91	32.8	1961		62.5	16.9	47	8.3	1963	
25	70.7	21.5	78.7	25.9	88	31.1	1961*		62.8	17.1	50	10.0	1950	
26	71.5	21.9	79.9	26.6	89	31.7	1966		63.0	17.2	49	9.4	1974	
27	71.8	22.1	79.4	26.3	90	32.2	1966		64.3	17.9	52	11.1	1963	
28	71.6	22.0	78.6	25.9	88	31.1	1954		64.6	18.1	49	9.4	1963	
29	70.9	21.6	78.0	25.6	87	30.6	1973*		63.8	17.7	50	10.0	1962	
30	70.0	21.1	78.3	25.7	89	31.7	1966*		61.8	16.6	46	7.8	1962	
31														
Monthly	74.4	23.6	82.2	27.9	100	37.8	1954		66.6	19.2	46	7.8	1962	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

OCTOBER

1945-1977

CHERRY POINT, NORTH CAROLINA

13754

MONTH

YEARS

STATION NAME

STATION

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	70.0	21.1	78.5	25.8	88	31.1	61.4	16.3	45	7.2	1974*
2	69.3	20.7	77.2	25.1	87	30.6	61.5	16.4	44	6.7	1946
3	68.3	20.2	76.4	24.7	87	30.6	60.3	15.7	41	5.0	1974
4	67.8	19.9	76.1	24.5	91	32.8	59.6	15.3	39	3.9	1974
5	67.7	19.8	76.7	24.8	95	35.0	58.8	14.9	36	2.2	1974
6	67.8	19.9	76.7	24.8	94	34.4	59.0	15.0	37	2.8	1963
7	68.0	20.0	75.6	24.2	86	30.0	60.4	15.8	48	8.9	1963
8	67.6	19.8	75.4	24.1	87	30.6	59.8	15.4	49	9.4	1966*
9	68.0	20.0	75.6	24.2	83	28.3	60.4	15.8	46	7.8	1974
10	66.2	19.0	74.4	23.6	88	31.1	58.0	14.4	43	6.1	1974
11	65.4	18.6	74.7	23.7	84	28.9	56.2	13.4	40	4.4	1964
12	65.6	18.7	75.5	24.2	85	29.4	55.7	13.2	42	5.6	1964
13	65.3	18.5	74.8	23.8	86	30.0	55.8	13.2	45	7.2	1958
14	66.4	19.1	75.5	24.2	84	28.9	57.4	14.1	45	7.2	1977
15	65.8	18.8	74.5	23.6	85	29.4	57.2	14.0	44	6.7	1961
16	66.0	18.9	74.9	23.8	85	29.4	57.0	13.9	44	6.7	1963*
17	65.1	18.4	73.5	23.1	85	29.4	56.6	13.7	40	4.4	1977
18	63.7	17.6	72.4	22.4	81	27.2	55.1	12.8	36	2.2	1977
19	63.3	17.4	72.0	22.2	83	28.3	54.6	12.6	40	4.4	1974*
20	61.1	16.2	69.9	21.1	85	29.4	52.2	11.2	33	0.6	1974
21	60.4	15.8	69.7	20.9	82	27.8	51.2	10.7	33	0.6	1974
22	62.9	17.2	72.5	22.5	82	27.8	53.3	11.8	29	-1.7	1974
23	63.3	17.4	73.0	22.8	82	27.8	53.7	12.1	32	0.0	1974
24	63.3	17.4	72.8	22.7	81	27.2	53.8	12.1	36	2.2	1962
25	62.0	16.7	70.6	21.4	79	26.1	53.5	11.9	35	1.7	1964*
26	60.8	16.0	69.6	20.9	81	27.2	52.0	11.1	35	1.7	1965
27	60.9	16.1	70.1	21.2	83	28.3	51.7	10.9	26	-3.3	1962
28	61.4	16.3	70.5	21.4	79	26.1	52.3	11.3	28	-2.2	1962
29	60.0	15.6	69.0	20.6	80	26.7	51.1	10.6	31	-0.6	1976
30	59.6	15.3	69.6	20.9	84	28.9	49.5	9.7	32	0.0	1952
31	61.0	16.1	70.8	21.6	84	28.9	51.1	10.6	32	0.0	1963
Monthly	64.6	18.1	73.5	23.1	95	35.0	55.8	13.2	26	-3.3	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

STATION
13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

YEARS
1945-1977

MONTH
NOVEMBER

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP		
	AVERAGE °F	AVERAGE °C	AVERAGE °F	EXTREME °F	EXTREME °C	AVERAGE °F	EXTREME °F	EXTREME °C
DATE								
1	62.0	16.7	72.1	86	30.0	52.0	36	2.2
2	62.3	16.8	72.2	89	31.7	52.4	34	1.1
3	62.3	16.8	72.5	86	30.0	52.2	32	0.0
4	58.2	14.6	68.0	82	27.8	48.4	29	-1.7
5	57.0	13.9	66.4	80	26.7	47.7	33	0.6
6	56.8	13.8	66.1	80	26.7	47.5	32	0.0
7	55.9	13.3	66.9	79	26.1	44.8	29	-1.7
8	54.7	12.6	65.0	79	26.1	44.5	31	-0.6
9	55.3	12.9	65.8	80	26.7	44.8	25	-3.9
10	56.7	13.7	66.1	81	27.2	47.4	34	1.1
11	55.4	13.0	65.2	83	28.3	45.6	31	-0.6
12	55.7	13.2	65.9	80	26.7	45.4	28	-2.2
13	55.7	13.2	65.8	82	27.8	45.5	27	-2.8
14	55.7	13.2	65.5	78	25.6	46.0	27	-2.8
15	55.1	12.8	65.8	81	27.2	44.5	27	-2.8
16	56.7	13.7	67.8	84	28.9	45.7	26	-3.3
17	56.6	13.7	67.3	78	25.6	46.0	25	-3.9
18	54.3	12.4	64.5	82	27.8	44.1	29	-1.7
19	55.1	12.8	65.2	82	27.8	45.0	28	-2.2
20	53.3	11.8	62.5	77	25.0	44.1	25	-3.9
21	52.8	11.6	63.5	78	25.6	42.0	27	-2.8
22	52.5	11.4	63.3	78	25.6	41.7	27	-2.8
23	51.2	10.7	61.4	75	23.9	41.1	26	-3.3
24	52.4	11.3	62.5	75	23.9	42.3	23	-5.0
25	51.2	10.7	60.8	78	25.6	41.6	23	-5.0
26	50.1	10.1	60.7	78	25.6	39.5	18	-7.8
27	53.2	11.8	63.5	80	26.7	42.8	27	-2.8
28	54.2	12.3	63.4	78	25.6	44.9	23	-5.0
29	51.3	10.7	60.6	79	26.1	41.9	23	-5.0
30	47.3	8.5	57.0	75	23.9	37.7	25	-3.9
31								
Monthly	55.0	12.8	65.1	89	31.7	45.0	18	-7.8

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

13754

CHERRY POINT, NORTH CAROLINA

1945-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	45.2	7.3	54.3	12.4	73	22.8	36.0	2.2	18	-7.8	1964
2	46.7	8.2	58.3	14.6	74	23.3	35.1	1.7	14	-10.0	1964
3	49.5	9.7	60.6	15.9	74	23.3	36.4	3.6	25	-3.9	1966
4	50.5	10.3	60.5	15.8	76	24.4	40.5	4.7	27	-2.8	1963*
5	51.3	10.7	62.0	16.7	74	23.3	40.7	4.8	22	-3.6	1963
6	50.1	10.1	61.2	16.2	74	23.3	39.0	3.9	26	-3.3	1954
7	49.7	9.8	60.2	15.7	79	26.1	39.3	4.1	21	-6.1	1963*
8	49.7	9.8	59.8	15.4	78	25.6	39.6	4.2	20	-6.7	1954
9	49.4	9.7	60.2	15.7	79	26.1	38.6	3.7	22	-5.6	1964
10	48.4	9.1	58.1	14.5	77	25.0	38.7	3.7	23	-5.0	1974
11	47.2	8.4	56.6	13.7	73	22.8	37.7	3.2	22	-5.6	1977
12	48.6	9.2	57.1	13.9	75	23.9	40.1	4.3	16	-8.9	1957
13	48.6	9.2	57.8	14.3	79	26.1	39.3	4.1	14	-10.0	1962
14	47.0	8.3	56.3	13.5	75	23.9	37.6	3.1	17	-8.3	1960
15	46.2	7.9	55.2	12.9	76	24.4	37.1	2.8	15	-9.4	1962
16	45.4	7.4	54.4	12.4	79	26.1	36.4	2.4	19	-7.2	1958
17	45.1	7.3	55.5	13.1	78	25.6	34.7	1.3	16	-8.9	1963
18	45.1	7.3	55.5	13.1	74	23.3	34.7	1.3	14	-10.0	1963
19	45.0	7.2	55.3	12.9	80	26.7	34.6	1.4	17	-8.3	1963
20	46.7	8.2	55.4	13.0	71	21.7	38.1	3.4	19	-7.2	1975*
21	45.9	7.7	54.7	12.6	72	22.2	37.1	2.8	14	-10.0	1963
22	45.2	7.3	54.9	12.7	75	23.9	35.5	1.9	19	-7.2	1976
23	46.1	7.8	57.2	14.0	73	22.8	34.9	1.6	18	-7.8	1960
24	46.7	8.2	55.6	13.1	74	23.3	37.7	3.2	19	-7.2	1960
25	46.2	7.9	55.6	13.1	76	24.4	36.7	2.6	21	-6.1	1976
26	46.5	8.1	56.6	13.7	77	25.0	36.5	2.3	20	-6.7	1961*
27	45.2	7.3	55.0	12.8	73	22.8	35.3	1.8	19	-7.2	1977
28	47.3	8.5	56.8	13.8	76	24.4	37.8	3.2	19	-7.2	1977
29	46.3	7.9	55.7	13.2	74	23.3	37.0	2.8	19	-7.2	1977
30	47.2	8.4	57.2	14.0	75	23.9	37.2	2.9	20	-6.7	1961
31	48.4	9.1	57.5	14.2	76	24.4	39.2	4.0	16	-8.9	1961
Monthly	47.3	8.5	57.1	13.9	80	26.7	37.5	3.1	14	-10.0	1964*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13734

CHERRY POINT, NORTH CAROLINA

45-77

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43			87	87	93	99	95	92	92	86	80	64	
46	76	71	81	88	85	93	92	92	92	82	74	74	
47	77	65	66	84	87	91	93	90	93	82	76	75	95
48	68	76	90	88	87	96	94	94	89		80	75	
49	76	74	80		90	97	98	94	90	85	80	76	98
50	80	80	77	86	89	98	95	97	95	85	86	73	
51	74	80	73	87	92	96	100	97	93	94	81	79	100
52	79	71	79	88	96	104	101	94	93	85	78	74	104
53		73	77	83	98	93	99	97	90	85	79	75	
54	76	75	80	87	87	102	96	101	100	95	79	72	102
55	74	77	83	91	91	94	99	93		87	84	76	
56	70	79	80	83	96	97	94	96	92	82	80	79	97
57	78	79	76	91	92	95	97	97	92	78	78	74	97
58	63	73	69	89	86	95	96	96	95	85	82	70	96
59	71	73	80	86	91	101	94	96	94	88	79	72	101
60	74	72	78	89	92	92	93	96	92	85	78	72	96
61	65	76	83	87	82	91	95	95	91	84	82	75	95
62	74	84	76	87	95	88	97	92	89	87	75	69	97
63	72	66	79	89	91	100	93	90	86	81	75	68	100
64	67	63	76	87		96	94	93	88	83	82	77	
65	73	79	79	89	94	89	90	94	93	83	77	74	95
66	76	72	78	85	85	91	94	94	94	90	83	79	94
67	77	75	85	93	95	90	93	92	84	86	74	80	95
68	69	73	84	85	89	94	95	98	87	85	80	70	98
69	70	74	70	79	89	94	96	90	88	83	78	70	96
70	72	69	77	84	93	97	91	96	90	86	75	75	97
71	69	76	74	86	88	91	92	93	87	88	82	79	93
72	75	77	78	90	82	88	93	93	88	85	82	75	93
73	70	70	84	81	89	92	92	93	90	86	80	74	93
74	77	74	90	92	91	92	93	93	92	84	89	72	93
MEAN													
S. D.													
TOTAL OBS.													

MAXIMUM TEMPERATURE
FROM DAILY OBSERVATIONS)

13754 CHERRY POINT, NORTH CAROLINA 45-77

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	75	77	79	81	93	94	93	98	93	84	80	73	
76	72	78	81	88	87	92	98	88	88	84	71	67	98
77	63	77	82	89	94	96	99	94	92	87	82	73	99
								</					

NAVWEASERVCOM

2

45-77

CHERRY POINT, NORTH CAROLINA

13754

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13754 STATION CHERRY POINT, NORTH CAROLINA 45-77

YEARS

STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45			35	45	48	53	67	58	68	42	27	19	
46	23	28	38	37	49	55	59	60	60	44			
47	24	16	28	42	44	56	61	66	53	47	32	27	16
48	19	24	29	44	51	57	66	62	57	39	43	20	19
49	32	34	28		51	60	69	68	54	49	24	28	
50	32	26	27	33	45	56	65	60	50	46	18	20	18
51	21	18	31	41	50	59	62	59	54	49	25	22	18
52	21	26	31	41	50	62	65	65	58	32	33	23	21
53		30	33	38	57	58	65	63	59	46	31	22	
54	19	28	27	38	43	62	61	67	58	41	30	20	19
55	26	16	25	40	51	54	62	65		38	25	19	
56	25	31	30	38	45	55	66	64	56	50	29	30	25
57	19	31	33	36	47	64	68	64	57	34	36	16	16
58	19	12	32	39	50	56	65	66		42	31	19	
59	16	21	33	39	50	58	70	66	57	44	27	31	16
60	21	26	20	38	50	54	64	65	59	37	35	17	17
61	19	26	28	34	46	55	65	64	55	38	30	16	16
62	10	20	32	35	51	60	63	65	46	26	29	14	10
63	18	15	28	33	33	58	57	57	47	32	27	14	14
64	15	18	23	30		55	58	61	49	35	25	14	
65	18	13	25	39	48	52	56	59	54	33	32	23	13
66	16	20	25	32	36	44	61	62	56	38	32	26	16
67	26	17	25	37	44	55	65	66	50	38	25	27	17
68	22	20	28	43	45	61	66	63	61	37	29	20	20
69	23	27	28	40	50	65	70	63	51	42	27	23	23
70	12	21	26	37	47	61	68	67	47	38	23	24	12
71	17	20	31	36	43	60	65	63	62	49	31	27	17
72	15	23	30	29	46	50	61	64	60	38	27	23	15
73	22	14	33	34	47	65	65	67	63	44	29	23	14
74	31	21	26	32	47	60	57	60	49	29	23	23	21
MEAN													
S. D.													
TOTAL OBS.													

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

CHERRY POINT, NORTH CAROLINA

13754

754 STATION

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

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MINIMUM TEMPERATURE
FROM DAILY OBSERVATIONS)

CHERRY POINT, NORTH CAROLINA

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

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PSYCHROMETRIC SUMMARY

STATION 13754 CHERRY POINT, NORTH CAROLINA STATION NAME 73-77 YEARS MONTH JAN PAGE 1 HOURS (L.S.T.)

505 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Wet Bulb	Dew Point
76/ 75					.1	.2	.2	.1	.2	.1								8	8	
74/ 73					.2	.2	.2	.2	.2									8	8	
72/ 71			.2	.1	.1	.1	.1	.1	.1	.1								7	7	
70/ 69			.8	.4	.3	.3	.3	.3	.3	.3								21	21	
68/ 67	.6		1.0	.3	.2	.2	.3	.3	.3	.3								32	32	5
66/ 65	.7		1.0	.4	.3	.2	.3	.3	.3	.3								39	39	28
64/ 63	.2	1.7	1.1	.3	.2	.2	.2	.2	.2	.1	.1							51	51	39
62/ 61	.3	1.2	.7	.5	.2	.2	.2	.1	.1	.1								40	40	54
60/ 59	.6	1.1	.9	.1	.4	.2	.2	.4	.2	.1	.1							47	47	47
58/ 57	1.0	1.1	1.2	.8	.5	.4	.2	.2	.2	.1								58	58	42
56/ 55	.2	1.0	.8	.5	.4	.2	.2	.4	.2	.1								49	49	47
54/ 53	.6	.7	.9	.6	.2	.4	.2	.4	.2	.1								44	44	41
52/ 51	1.0	.8	.9	.5	.6	.4	.4	.1										53	53	46
50/ 49	.9	1.6	1.3	.7	.9	.2	.2	.1										69	69	52
48/ 47	.6	1.2	.8	.6	.2	.5	.1											49	49	57
46/ 45	.2	1.1	1.5	.8	.4	.4	.2											57	57	58
44/ 43	.6	1.7	1.2	1.0	.4	.3	.1											67	67	58
42/ 41	.6	1.7	1.4	.3	.4	.1												56	56	70
40/ 39	.6	1.4	1.7	.7	.6	.3												66	66	68
38/ 37	.4	1.4	1.5	.8	.7	.1												61	61	59
36/ 35	.9	1.6	.8	.7	.7													59	59	70
34/ 33	.5	1.4	1.3	1.2	.3													58	58	53
32/ 31	.4	1.8	.7	.6	.3													47	47	54
30/ 29	.6	1.1	1.3	.9	.2													52	52	71
28/ 27	.5	1.3	.6	.9	.1													41	41	51
26/ 25	.2	1.0	1.0	.4														32	32	42
24/ 23	.1	.6	1.0	.2														23	23	36
22/ 21	.1	.5	.6	.1														16	16	35
20/ 19	.2	.4	.5	.2														16	16	26
18/ 17	.1	.2																4	4	12
16/ 15	.1	.3																5	5	9
14/ 13	.1	.1																1	1	5
12/ 11	.1	.2																3	3	1
10/ 9																				2
Element (X)	ΣX																ΣX		Mean No. of Hours with Temperature	
Rel. Hum.																			≥ 93 F	
Dry Bulb																			≥ 80 F	
Wet Bulb																			≥ 73 F	
Dew Point																			Total	

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PSYCHROMETRIC SUMMARY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JAN
MONTH

PAGE 2
HOURS (L.S.T.)

05

PSYCHROMETRIC SUMMARY

JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7			.1															1	1	1	17
6/ 5																				1	16
4/ 3																					11
2/ 1																					8
0/- 1																					1
- 2/- 3																					2
- 4/- 5																					2
- 6/- 7																					2
- 8/- 9																					1
-10/-11																					1
-14/-15																					1
-16/-17																					1
TOTAL	11.6	29.4	27.1	14.6	8.6	4.4	2.6	.9	.6	.1	.2							1240	1240	1240	1240

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY JAN 68

73-77

CHERRY POINT, NORTH CAROLINA

13754

STATION NAME

YEARS

FEB

MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.2											2	2		
76/ 75				.3														4	4		
74/ 73	.1				.1	.3	.1			.1								7	7	1	1
72/ 71			.2	.2	.2	.2	.1	.3	.3	.1	.1							16	16	1	
70/ 69		.4	.3	.3	.3	.1	.1	.1	.1		.1							16	16	3	
68/ 67		.3	.3	.4	.3	.4	.2	.2	.2	.1								23	23	8	7
66/ 65	.1	1.1	.5	.5	.4	.3	.3	.3	.3	.2								40	40	9	7
64/ 63		1.2	1.0	.4	.2	.6	.1	.4	.1	.1								46	46	29	9
62/ 61	.1	1.9	.9	.5	.6	.4		.2	.2	.1								55	55	36	23
60/ 59		1.4	.7	1.0	.2	.8	.3	.3	.2									54	54	45	37
58/ 57	.2	.8	.7	.7	.7	.5	.7	.3	.4	.2								50	50	45	43
56/ 55	.1	1.4	.7	1.2	1.1	.6	.7	.3	.3									69	69	42	21
54/ 53	.1	1.2	1.1	1.2	.6	.5	.4	.1	.1									58	58	46	38
52/ 51	.2	1.2	.9	1.0	1.0	.7	.4	.2	.2									62	62	41	32
50/ 49	.4	1.4	1.0	1.2	.6	.6	.2	.1										61	61	68	41
48/ 47		1.0	.6	1.2	.7	.6	.4	.2										51	51	64	46
46/ 45	.2	1.4	1.1	.9	.5	.2												48	48	70	36
44/ 43	.1	2.0	1.2	.7	.3	.6	.1											56	56	73	44
42/ 41	.1	2.2	1.3	1.1	.4	.5												63	63	67	62
40/ 39	.4	1.7	1.0	1.2	.4	.3												55	55	66	54
38/ 37		2.2	1.0	1.5	.5	.3												62	62	65	60
36/ 35	.1	1.5	1.3	.4	.2	.1												40	40	54	69
34/ 33	.1	1.2	1.0	.6	.5	.1												39	39	55	52
32/ 31	.6	1.0	.5	.6	.2													33	33	59	54
30/ 29	.3	1.6	.5	.4														31	31	38	42
28/ 27	.4	1.3	.8	.5														34	34	41	60
26/ 25	.2	1.2	.5	.4														27	27	47	55
24/ 23		.4	.5															10	10	14	41
22/ 21	.1	.4	.1															6	6	18	34
20/ 19	.2	.1																3	3	14	41
18/ 17	.2	.3																5	5	4	25
16/ 15		.2																2	2	4	14
14/ 13																				1	19
12/ 11																					19
Element (X)	ΣX																ΣX		Mean No. of Hours with Temperature		
Rel. Hum.																	σ _x		≥80 F		
Dry Bulb																	σ _x		≥73 F		
Wet Bulb																	σ _x		≥67 F		
Dew Point																	σ _x		≥93 F		
Total																			Total		

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PSYCHROMETRIC SUMMARY

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 YEARS MAR MONTH
 PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89														.1				1	1		
86/ 85																		2	2		
84/ 83																		2	2		
82/ 81																		5	5		
80/ 79																		7	7		
78/ 77																		11	11		
76/ 75																		20	20		
74/ 73																		17	17		1
72/ 71																		41	41		4
70/ 69																		50	50		23
68/ 67																		69	70		18
66/ 65																		68	68		54
64/ 63																		79	79		83
62/ 61																		86	86		64
60/ 59																		81	81		94
58/ 57																		76	76		93
56/ 55																		106	106		77
54/ 53																		78	78		86
52/ 51																		73	73		77
50/ 49																		62	62		58
48/ 47																		61	61		63
46/ 45																		46	46		57
44/ 43																		46	46		46
42/ 41																		35	35		54
40/ 39																		37	37		48
38/ 37																		33	33		47
36/ 35																		15	15		58
34/ 33																		12	12		44
32/ 31																		13	13		41
30/ 29																		4	4		30
28/ 27																		3	3		37
26/ 25																					27
24/ 23																					26
22/ 21																					13
Element (X)																		Mean No. of Hours with Temperature		Total	
Rel. Hum.																		≥ 80 F		≥ 93 F	
Dry Bulb																		≥ 73 F			
Wet Bulb																		≤ 32 F			
Dew Point																		≤ 0 F			

PSYCHROMETRIC SUMMARY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

YEARS

MAR
MONTH

MONTH

05

PSYCHROMETRIC SUMMARY

JAN 68

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PAGE 2
HOURS (L.S.T.)

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PSYCHROMETRIC SUMMARY

13754 STATION CHERRY POINT, NORTH CAROLINA 73-77 YEARS MONTH APR
 5005 PSYCHROMETRIC SUMMARY JAN 68
 PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																		1	1		
90/ 89																		1	1		
88/ 87																		4	4		
86/ 85														.2				5	5		
84/ 83																		5	5		
82/ 81																		8	8		
80/ 79																		24	24		
78/ 77																		47	47		
76/ 75																		53	53		
74/ 73																		41	41	3	1
72/ 71																		58	58	7	1
70/ 69																		83	83	31	5
68/ 67																		93	93	77	29
66/ 65																		90	90	96	52
64/ 63																		80	80	88	62
62/ 61																		83	83	91	66
60/ 59																		84	84	94	87
58/ 57																		64	64	95	83
56/ 55																		77	77	75	77
54/ 53																		59	59	64	66
52/ 51																		53	53	79	64
50/ 49																		55	55	78	67
48/ 47																		38	38	72	65
46/ 45																		33	33	81	72
44/ 43																		20	20	50	67
42/ 41																		11	11	40	47
40/ 39																		16	16	31	48
38/ 37																		9	9	20	48
36/ 35																		3	3	13	38
34/ 33																		2	2	11	34
32/ 31																				3	27
30/ 29																				1	26
28/ 27																					23
26/ 25																					22
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

73-77

YEARS

APR
MONTH

PAGE 2

PAGE 2
HOURS (L.S.T.)

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PSYCHROMETRIC SUMMARY

5 PSYCHROMETRIC SUMMARY JAN 68

13754 CHERRY POINT, NORTH CAROLINA 73-77 MAY MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL								
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point							
92/ 91								.1	.1	.1	.2							5	5									
90/ 89							.2	.1	.1									4	4									
88/ 87						.1	.6	.3	.2									8	8									
86/ 85						.4	.6	.4	.1	.1	.1							20	20									
84/ 83				.1	.2	1.1	.4	.2	.1	.3	.1	.1						32	32									
82/ 81			.1	.1	.4	1.0	.6	.2	.2	.2	.2							34	34									
80/ 79			.4	.3	1.5	1.2	.7	.4	.4	.1								63	64									
78/ 77		.2	.3	.6	1.0	1.0	.7	.9	.3	.2	.2	.1						70	70	7	1							
76/ 75		.3	.4	.2	.7	1.5	.5	.2	.5	.2								91	91	23	4							
74/ 73		.9	2.7	1.8	1.0	.6	.6	.6	.6	.1	.2							110	110	55	15							
72/ 71	.1	2.3	3.1	1.2	.8	.4	.3	.2	.2	.2								110	110	83	34							
70/ 69	.6	5.0	3.4	1.9	.7	.4	.6	.3	.3	.2								163	163	151	87							
68/ 67	.3	4.4	2.6	1.1	.3	.6	.2	.3	.1	.1								125	125	177	170							
66/ 65	.4	3.6	1.5	1.2	.2	.4	.3	.1	.1									97	97	167	151							
64/ 63	.2	1.9	1.5	.9	.5	.6	.1	.1	.2	.1								75	75	130	136							
62/ 61		2.2	1.3	.5	.5	.2	.2	.2	.2									62	62	75	107							
60/ 59	.2	.9	1.3	.6	.4	.1		.2										44	44	91	86							
58/ 57	.1	1.0	1.1	.5	.2				.1									37	37	66	71							
56/ 55		1.1	.8	.3	.2		.1											31	31	67	68							
54/ 53		.9	.9	.2	.2	.1												27	27	43	69							
52/ 51		.1	.5	.1	.1	.2	.1											12	12	42	50							
50/ 49	.1	.1	.3	.1	.1													8	8	22	45							
48/ 47		.2	.2	.2														6	6	10	32							
46/ 45		.1																1	1	13	30							
44/ 43		.1	.1															2	2	8	27							
42/ 41		.1																1	1	6	12							
40/ 39		.1																1	1	2	9							
38/ 37																				1	10							
36/ 35																					6							
34/ 33																					6							
32/ 31																					2							
30/ 29																					6							
28/ 27																					3							
24/ 23																					2							
Element (X)	ΣX^2																	\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature				
Rel. Hum.																								Total				
Dry Bulb																												
Wet Bulb																												
Dew Point																												

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

13754
STATION

CHERRY POINT, NORTH CAROLINA

73-77

STATION NAME

YEARS

JUN
MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1			.1								2	2		
92/ 91							.3			.1								6	6		
90/ 89					.2		.3	.4	.2	.3	.2	.1						19	19		
88/ 87					.1	.1	1.0	.4	.3	.3	.2							33	33		
86/ 85				.1	.3	.4	.8	1.0	.3	.1	.1							50	50		
84/ 83			.1	.3	1.0	2.3	1.2	.6	.7	.3	.1							80	80		
82/ 81			.2	1.0	2.0	1.2	1.0	.8	.3	.2	.1							81	81	5	
80/ 79		.2	2.0	2.0	1.9	1.6	.5	.3	.3	.1								105	105	12	2
78/ 77	.8	2.5	2.7	2.7	1.8	.4	.3	.3	.1									106	106	33	7
76/ 75	.4	3.2	4.3	2.1	.6	.8	.3	.1	.2	.1								142	142	105	42
74/ 73	.7	4.6	4.5	1.8	.8	.4	.3	.1	.1		.1							157	157	198	93
72/ 71	.4	4.6	4.1	1.3	.8	.3	.3	.2										143	143	221	161
70/ 69		3.5	3.8	.7	.5	.3		.1										106	106	201	208
68/ 67	.1	2.9	2.8	.5	.2	.1	.1		.1									80	80	138	184
66/ 65		1.5	.9	.4	.1	.1	.1											37	37	115	137
64/ 63		.5	.6	.3		.1												18	18	77	109
62/ 61		.3	.7	.5	.4	.1	.1	.1										19	19	30	84
60/ 59			.2	.2	.4													9	9	21	52
58/ 57			.3															3	3	15	39
56/ 55		.1		.1														2	2	13	24
54/ 53																				5	16
52/ 51																				8	11
50/ 49			.1															1	1	1	10
48/ 47																					2
46/ 45																				1	8
44/ 43																					5
42/ 41																					2
40/ 39																					1
36/ 35																					2
TOTAL	1.6	22.1	26.9	14.0	10.7	9.5	6.2	4.4	2.4	1.4	.7	.2						1199	1199	1199	1199

Element (X)	ΣX ²	ΣX	̄X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7155162	90846	75.7	15.217	1200	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total	
Dry Bulb	6851701	90293	75.3	6.589	1199	666.6	469.0	189.2	1.2		720.0	
Wet Bulb	5821849	83331	69.5	5.029	1199	548.3	212.0	3.6			720.0	
Dew Point	5333655	79625	66.4	6.182	1199	418.5	128.5	1.2			720.0	

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Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

Total

≥80 F

≥73 F

≥67 F

≥32 F

≤0 F

≥93 F

Total

720.0

720.0

720.0

PSYCHROMETRIC SUMMARY

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STATION

CHERRY POINT, NORTH CAROLINA
STATION NAME

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PAGE 1
HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		Dew Point															
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		23	24	25	26	27	28	29	30	≥31	D.B./W.B.	Wet Bulb	Wet Bulb			
98/ 97												.1						.1	.2														4	4					
96/ 95												.1					.1	.2	.2													7	7						
94/ 93											.1	.3	.2	.2	.2	.2	.2	.2	.2													7	7						
92/ 91								.1	.2	.5	.3	.2	.3	.2	.3	.6	.6	.2	.2													16	16						
90/ 89								.2	.1	1.0	1.1	.3	.2	.3	.6	.6	.2	.2	.2													43	43						
88/ 87						.1	.4	.6	1.9	1.9	.9	.9	.2	.2	.3	.1	.1	.3	.1													75	75						
86/ 85		.1	.1	.2	.4	.4	1.5	3.1	1.7	.6	.2	.2	.2	.2	.2	.2	.2	.2	.1													101	101	2					
84/ 83		.1	.1	.2	1.1	1.1	1.8	1.6	1.2	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2													85	85	3					
82/ 81		.2	1.2	2.8	1.5	1.4	1.5	1.4	1.1	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2													113	113	15					
80/ 79	.1	1.1	3.8	2.5	1.6	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													131	131	56					
78/ 77	.1	3.0	4.1	2.3	1.2	.5	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													143	143	32					
76/ 75	.2	5.2	5.4	1.5	.5	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													164	164	227					
74/ 73	.4	4.5	4.4	1.1	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													139	139	243					
72/ 71	.4	3.5	2.7	1.0	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1													100	100	217					
70/ 69	.1	1.7	2.1	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													61	61	139					
68/ 67	.6	1.1	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1													28	28	79					
66/ 65	.1	.5	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													10	10	66					
64/ 63	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													7	7	32					
62/ 61	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2													4	4	18					
60/ 59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1													1	1	5					
58/ 57																																	1	1	4				
56/ 55																																	1	1	15				
54/ 53																																				1	1	6	
52/ 51																																					1	1	7
50/ 49																																					1	1	3
TOTAL	1.320	6.26	0.14	3.10	2.11	2.8	5.5	3.5	2.0	1.3	.9	.1																				1240	1240	1240					

Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total
Ref. Hum.	7433559	94339	76.1	14.381	1240	≥0 F	≥73 F	≥80 F	≥93 F	Total	
Dry Bulb	7693821	97353	78.5	6.389	1240				10.8	744.0	
Wet Bulb	6544830	89922	72.5	4.391	1240				25.2	744.0	
Dew Point	6058641	86441	69.7	5.144	1240				10.8	744.0	

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PSYCHROMETRIC SUMMARY

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HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.		Dry Bulb	Wet Bulb
98/ 97																		1	1		
96/ 95																		1	1		
94/ 93									.1									10	10		
92/ 91									.2									19	19		
90/ 89								.5	.1									40	40		
88/ 87								.6	.2									52	52		
86/ 85				.2	2.3	2.5	.3	.3	.2									74	74		
84/ 83		.1		1.5	1.7	1.8	.7	.1	.1									74	74	1	
82/ 81		.2	1.7	3.1	.9	.9	.2	.6										94	94	9	1
80/ 79		1.5	4.9	2.2	.6	.5	.2	.2										126	126	54	7
78/ 77	.1	6.0	4.0	1.5	.9	.3	.2											162	162	162	38
76/ 75	1.5	9.5	3.1	1.5	.2	.2	.2											202	202	288	202
74/ 73	1.6	7.9	1.0	.5	.2	.2												142	142	259	340
72/ 71	1.3	6.2	1.6	.4	.1													119	119	190	219
70/ 69	.6	2.7	2.3	.2	.2													74	74	119	158
68/ 67	.2	1.0	1.0	.4														33	33	75	91
66/ 65		.6	.4	.1	.1													14	14	44	78
64/ 63		.1	.1															2	2	28	37
62/ 61																				7	39
60/ 59		.1																1	1	3	17
58/ 57																				1	1
56/ 55																					
54/ 53																					
TOTAL	5.2	35.8	20.3	11.7	8.1	9.6	4.8	2.5	1.1	.8								1240	1240	1240	1240

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
Rel. Hum.	8490564	101180	81.6	13.760	1240	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Total		
Dry Bulb	7534943	96371	77.7	6.035	1240	733.8	598.2	258.6	7.2		744.0		
Wet Bulb	6654970	90712	73.2	3.910	1240	694.2	463.8	22.2			744.0		
Dew Point	6292809	88179	71.1	4.234	1240	633.6	417.0	4.8			744.0		

PSYCHROMETRIC SUMMARY

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CHERRY POINT, NORTH CAROLINA

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HOURS (I.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Wet Bulb	
92/ 91								.2	.2									4	4	
90/ 89								.1	.2	.1								5	5	
88/ 87						.5	1.3	.7	.1									31	31	
86/ 85				.2	1.2	1.9	.8	.4	.1									55	55	
84/ 83				.7	2.3	1.6	.7	.1										65	65	
82/ 81			.5	.7	1.5	1.0	.7	.3										57	57	
80/ 79	.4	1.7	2.1	1.6	1.7	.6	.2	.3										91	91	4
78/ 77	.1	1.1	2.7	1.6	1.7	.6	.2	.2	.2	.2								100	100	6
76/ 75	.7	4.2	4.8	1.7	.5	.8	.2	.1	.1									159	159	137
74/ 73	.8	7.7	4.2	1.9	.3	.2	.2	.2	.2									167	187	205
72/ 71	.8	4.5	4.0	1.5	.5	.2	.2	.2	.1	.2								143	143	218
70/ 69	.3	3.3	3.9	1.0	.2	.2	.2											111	111	155
68/ 67	.1	2.6	1.8	.5	.4	.1	.1											67	67	143
66/ 65	.1	1.2	.5	.7	.4		.1											36	36	88
64/ 63		.8	.8	.3	.4													29	29	48
62/ 61		.7	.7	.4	.2													24	24	35
60/ 59		.2	.6	.4	.2													17	17	41
58/ 57		.4	.1	.2														9	9	21
56/ 55		.2	.2	.1														5	5	24
54/ 53				.2														2	2	12
52/ 51		.2	.1															3	3	3
50/ 49																				4
48/ 47																				1
46/ 45																				6
44/ 43																				5
42/ 41																				3
TOTAL	3.027	7.726	5.514	3.110	6.5	5.2	2.6	.9	.2									1200	1200	1200

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PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb
88/ 87						.1	.1	.2										1	1	
86/ 85						.1	.1	.2										4	4	
84/ 83					.3	.1	.1	.2										8	8	
82/ 81				.2	.2	.1	.1	.2	.1									11	11	
80/ 79		.1	.2	.6	.3	.6	.2	.7	.3	.2								29	29	
78/ 77		.3	.8	.6	.2	.2	.7	.4	.2	.2								42	42	4
76/ 75		.6	1.0	.6	.3	.6	.5	.6	.2	.3								55	55	11
74/ 73		.6	.6	.6	.4	.7	.6	.3	.2	.2								53	53	34
72/ 71	.1	1.8	1.0	.6	.9	.6	.5	.2	.2	.1	.2							77	77	35
70/ 69	.6	1.8	1.5	1.2	1.4	.6	.3	.1	.1									95	95	47
68/ 67	.6	2.3	1.5	1.0	.6	.9	.6	.3	.2									99	99	71
66/ 65	.7	3.0	2.3	1.3	.5	.5	.7	.2	.2									116	116	94
64/ 63	.3	2.3	1.4	1.1	.6	.2	.4	.2	.1									83	83	67
62/ 61	.5	2.7	1.6	1.1	.5	.4	.2	.2										89	89	107
60/ 59	.2	1.6	1.9	.6	1.0	.3	.2	.2										77	77	105
58/ 57	.6	2.0	2.4	1.0	.2	.4	.1											83	83	97
56/ 55	.2	1.9	1.5	.6	.2	.2	.2											61	61	88
54/ 53	.2	1.0	1.8	.9	.3	.3												55	55	82
52/ 51	.1	1.1	1.1	.7	.1	.2	.2											43	43	66
50/ 49	.6	1.3	.2	.1	.2	.1												31	31	56
48/ 47	.2	1.5	.8	.4														35	35	59
46/ 45		1.1	.4	.3	.2													25	25	45
44/ 43		.7	.3	.3	.2													19	19	34
42/ 41	.2	.9	.4	.2														20	20	23
40/ 39	.1	.2	.5															10	10	19
38/ 37		.2	.2	.1														5	5	16
36/ 35		.5	.1															7	7	12
34/ 33		.4																5	5	6
32/ 31		.1																1	1	5
30/ 29																				1
28/ 27																				6
26/ 25																				2
24/ 23																				3
22/ 21																				2
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≥ 0 F						≥ 80 F			
Dry Bulb											≥ 32 F						≥ 93 F			
Wet Bulb											≥ 67 F						≥ 73 F			
Dew Point																	Total			

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PSYCHROMETRIC SUMMARY

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL							
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
88/ 87												.1						1	1								
86/ 85												.1						1	1								
82/ 81					.1						.1							4	4								
80/ 79			.1			.1				.2	.1							6	6								
78/ 77			.2	.2	.6	.3												16	16								
76/ 75			.2	.7	.1	.3	.4	.2										22	22	1							
74/ 73		.3	.3	.2	.7	.3	.4	.2			.1							32	32	5	3						
72/ 71		.7	.8	.6	.5	.2	.2	.2										36	36	14	6						
70/ 69	.2	1.2	.7	.6	.6	.7	.5			.1								55	55	36	20						
68/ 67	.4	1.3	1.3	.8	.6	.6	.2											64	64	39	35						
66/ 65	.7	1.7	1.3	.5	.1	.2	.2			.1								58	58	62	41						
64/ 63	.2	1.7	.8	.6	.6	.2	.1	.4	.1	.2								59	59	64	40						
62/ 61	.5	1.7	.7	.6	.4	.3	.2	.2										55	55	65	50						
60/ 59	.7	1.8	1.0	.3	.3	.4	.2	.1										59	59	64	64						
58/ 57	.2	1.5	1.0	.5	.6	.2	.3	.4										58	58	57	54						
56/ 55		2.1	1.0	.7	.4	.5	.5	.5	.1									69	69	46	45						
54/ 53		2.2	1.7	.7	.7	.5	.2	.2										74	74	56	62						
52/ 51	.2	1.7	1.3	.9	.7	.3	.2											65	65	62	57						
50/ 49	.2	2.2	1.7	1.4	.4	.6	.2											79	79	62	56						
48/ 47	.2	1.7	1.1	.5	.8	.2	.2											56	56	77	61						
46/ 45	.5	1.6	1.2	.8	.5	.3	.1											61	61	71	54						
44/ 43	.2	1.4	1.2	.7	.5	.2												52	52	82	53						
42/ 41	.5	1.6	1.4	.4	.3													51	51	56	49						
40/ 39	.5	.6	.9	.9	.3													39	39	71	63						
38/ 37		1.1	1.2	.3														31	31	43	49						
36/ 35		1.3	.7	.5	.2													33	33	41	36						
34/ 33		1.6	.6															26	26	45	53						
32/ 31	.2	.6	.2	.2														14	14	38	52						
30/ 29		.7	.3	.2														15	15	17	40						
28/ 27	.2	.4																7	7	16	46						
26/ 25		.1	.1															2	2	7	33						
24/ 23																				2	22						
22/ 21																				1	28						
20/ 19																					14						
Element (X)	ΣX																	ΣX^2		Mean No. of Hours with Temperature				Total			
Rel. Hum.																				≤ 0 F				≥ 80 F		≥ 93 F	
Dry Bulb																				≤ 32 F				≥ 67 F			
Wet Bulb																											
Dew Point																											

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PSYCHROMETRIC SUMMARY

STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 YEARS DEC MONTH

PAGE 1 HOURS (L.S.T.)

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
74/ 73						.1	.1											2	2			
72/ 71						.2	.1											7	7			
70/ 69	.1	.1	.5	.2	.2	.2	.2											16	16	2	2	
68/ 67		.6	.6	.1	.4	.2	.2											24	24	5	5	
66/ 65	.2	1.1	.8	.8	.6	.2	.1											47	47	22	13	
64/ 63	.2	1.0	.5	.5	.1	.2	.4											36	36	33	20	
62/ 61	.3	1.4	1.1	.4	.4	.4	.1		.1									51	51	32	32	
60/ 59	.2	1.4	1.1	.4	.1	.1	.2		.2									42	42	43	28	
58/ 57	.2	1.3	1.1	.4	.6	.2	.2	.2	.1									49	49	49	29	
56/ 55	.3	1.1	1.6	1.1	.2	.4	.4	.4	.1									65	65	38	43	
54/ 53	.5	1.6	1.6	1.1	.8	.2	.4		.4									77	77	58	47	
52/ 51	.6	1.8	1.7	1.1	.4	.6	.2		.2									80	80	64	45	
50/ 49	1.2	2.0	1.6	1.0	.6	.3	.2		.1									84	84	83	65	
48/ 47	.4	2.8	1.6	1.0	.4	.6	.2	.1										87	87	76	67	
46/ 45	.2	1.9	1.5	.7	.6	.5	.1											68	68	79	66	
44/ 43	.3	1.9	1.2	.7	.3	.5	.2											63	63	79	63	
42/ 41	.6	1.6	1.2	.9	.7	.2												65	65	74	57	
40/ 39	.3	2.0	.4	.6	.6	.5												55	55	58	66	
38/ 37	.3	1.1	1.1	1.4	.4	.3												58	58	64	56	
36/ 35	.3	1.1	.6	.9	.4													42	42	50	56	
34/ 33	.2	2.1	1.4	.8	.7													64	64	64	49	
32/ 31	.6	1.9	1.1	.7	.2													56	57	60	46	
30/ 29	.1	1.6	.9	.6	.1													40	41	70	42	
28/ 27		.6	.7	.3														20	22	47	51	
26/ 25	.1	.6	.4	.1														15	15	35	50	
24/ 23		.4	.1															6	6	20	40	
22/ 21	.1	.4	.2															8	8	16	37	
20/ 19	.2	.5	.1															9	9	9	43	
18/ 17																			6		25	
16/ 15																					23	
14/ 13																					20	
12/ 11																					13	
10/ 9																					22	
8/ 7																					9	
Element (X)	ΣX ²																ΣX		Mean No. of Hours with Temperature			
Rel. Hum.																	σ _x		≥ 0 F			
Dry Bulb																	No. Obs.		≥ 32 F			
Wet Bulb																	No. Obs.		≥ 67 F			
Dew Point																	No. Obs.		≥ 80 F			
																	No. Obs.		≥ 93 F			
																	No. Obs.		Total			

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 ALL NORTH
PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97																			5	5		
96/ 95																			8	8		
94/ 93																			19	19		
92/ 91																			51	51		
90/ 89																			113	113		
88/ 87																			205	205		
86/ 85																			312	312	2	
84/ 83																			351	351	4	
82/ 81																			407	407	29	
80/ 79																			582	583	126	
78/ 77																			699	699	399	
76/ 75																			920	920	792	
74/ 73																			895	895	1004	
72/ 71																			857	857	998	
70/ 69																			851	851	918	
68/ 67																			737	738	841	
66/ 65																			652	652	845	
64/ 63																			565	565	754	
62/ 61																			568	568	614	
60/ 59																			516	516	653	
58/ 57																			487	487	585	
56/ 55																			535	535	518	
54/ 53																			474	474	494	
52/ 51																			444	444	489	
50/ 49																			450	450	495	
48/ 47																			383	383	483	
46/ 45																			339	339	498	
44/ 43																			325	325	438	
42/ 41																			302	302	414	
40/ 39																			279	279	367	
38/ 37																			259	259	317	
36/ 35																			199	199	283	
34/ 33																			206	206	255	
32/ 31																			164	165	242	
Element (X)	ΣX																ΣX ²		Mean No. of Hours with Temperature			
Rel. Hum.																			≥ 80 F		Total	
Dry Bulb																			≥ 73 F			
Wet Bulb																			≥ 67 F			
Dew Point																			≥ 32 F			
																			≥ 0 F			

PSYCHROMETRIC SUMMARY

05 PSYCHROMETRIC SUMMARY JAN 68

ALL MONTH
PAGE 2
HOURS (L.S.T.)

YEARS

73-77

STATION NAME

13754

CHERRY POINT, NORTH CAROLINA

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		Wet Bulb	Dew Point	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.			Dry Bulb
30/ 29	.1	.4	.3	.2	.0													142	143	210	246
28/ 27	.1	.3	.2	.2	.0													105	107	161	274
26/ 25	.0	.2	.2	.1														76	76	132	227
24/ 23	.0	.1	.1	.0														39	39	74	192
22/ 21	.0	.1	.1	.0														30	30	71	150
20/ 19	.0	.1	.0	.0														28	28	49	144
18/ 17	.0	.0	.0															9	9	22	99
16/ 15	.0	.0																7	7	13	76
14/ 13		.0	.0															1	1	6	81
12/ 11		.0	.0															3	3	1	56
10/ 9																				2	61
8/ 7			.0															1	1	1	33
6/ 5																				1	33
4/ 3																					19
2/ 1																					14
0/- 1																					2
- 2/- 3																					2
-4 /- 5																					2
- 6/- 7																					1
- 8/- 9																					1
-10/-11																					1
-14/-15																					1
-16/-17																					1
TOTAL	4.328	.423	.714	.5	9.5	8.2	5.4	3.0	1.7	.9	.3	.1	.0					14606	14606		14600

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13754 CHERRY POINT, NORTH CAROLINA 73-77

STATION NAME YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S. D. TOTAL OBS	42.6 13.39 155	43.1 11.72 141	51.4 9.65 155	56.5 8.75 150	64.1 6.61 155	70.5 4.20 150	73.5 4.14 155	73.4 3.38 155	70.1 4.70 150	58.1 9.08 155	49.9 11.38 150	58.2 14.49 1826
04	MEAN S. D. TOTAL OBS	41.6 13.88 155	41.7 12.22 141	50.3 9.90 155	54.5 9.12 150	62.8 7.08 155	69.4 4.76 150	72.3 4.12 155	72.4 3.55 155	69.3 4.89 150	56.7 9.48 155	48.7 11.39 150	56.9 14.75 1826
07	MEAN S. D. TOTAL OBS	40.4 14.21 155	40.7 12.51 141	50.3 10.11 155	55.8 9.04 150	65.6 6.17 155	72.7 4.24 150	75.6 3.25 155	74.3 3.15 155	70.2 5.03 150	56.6 9.86 155	48.1 11.68 150	57.8 15.92 1826
10	MEAN S. D. TOTAL OBS	46.3 13.30 155	50.2 11.08 141	59.1 10.04 155	65.9 9.34 150	73.4 6.66 155	79.4 5.34 149	82.6 4.14 155	82.1 4.28 155	78.3 5.29 150	66.5 8.00 155	58.0 10.79 150	65.9 15.49 1825
13	MEAN S. D. TOTAL OBS	51.5 13.22 155	55.8 11.65 141	63.6 10.21 155	70.3 9.28 150	76.9 7.31 155	81.8 5.84 150	85.7 5.37 155	84.6 5.54 155	81.3 5.27 150	70.9 8.05 154	63.4 10.83 150	70.0 14.75 1825
16	MEAN S. D. TOTAL OBS	51.6 12.47 155	56.0 10.64 141	63.6 9.07 155	69.7 7.83 150	75.8 6.19 155	80.8 5.22 150	84.3 4.83 155	82.7 5.24 155	80.0 5.02 150	70.2 7.52 155	62.2 9.66 150	69.2 13.91 1826
19	MEAN S. D. TOTAL OBS	46.2 11.75 155	49.3 10.13 141	57.4 7.98 155	63.2 6.69 150	70.8 5.02 155	75.9 4.00 150	79.2 3.61 155	77.8 3.16 155	74.1 4.30 150	62.9 7.75 155	54.5 9.99 150	63.3 13.93 1826
22	MEAN S. D. TOTAL OBS	43.5 12.30 155	45.7 11.31 141	53.5 8.98 155	58.6 8.04 150	66.2 6.02 155	71.9 4.17 150	75.0 3.69 155	74.5 3.37 155	71.4 4.77 150	59.5 8.67 155	51.6 10.82 150	59.8 14.11 1826
ALL HOURS	MEAN S. D. TOTAL OBS	45.5 13.65 1240	47.8 12.71 1128	56.2 10.86 1240	61.8 10.38 1200	69.4 8.21 1240	75.3 6.58 1199	78.5 6.39 1240	77.7 6.03 1240	74.3 6.69 1200	62.7 10.17 1239	54.6 12.20 1200	62.6 15.48 14606

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

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WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13754 CHERRY POINT, NORTH CAROLINA 73-77

STATION NAME YEARS

HRS.(L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
01	MEAN	40.1	40.2	48.5	52.5	61.4	67.6	70.5	71.4	67.6	55.6	47.4	41.5	55.4
	S. D.	13.51	11.67	9.83	9.23	7.10	4.94	4.30	3.78	5.30	9.47	11.64	11.80	14.66
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	154	1825
04	MEAN	39.3	38.9	47.6	51.3	60.4	66.9	69.7	70.9	67.0	54.5	46.5	40.4	54.5
	S. D.	13.95	12.00	10.30	9.59	7.50	5.28	4.35	3.80	5.50	9.81	11.87	12.04	14.97
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	154	1825
07	MEAN	38.3	38.3	47.7	52.4	62.5	69.3	72.1	72.5	68.1	54.4	46.0	39.8	55.2
	S. D.	14.22	12.30	10.58	9.52	7.06	4.95	3.78	3.40	5.79	10.08	12.10	12.35	15.91
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	154	1825
10	MEAN	42.3	44.3	52.9	56.8	65.0	71.0	74.3	75.0	71.5	59.8	52.4	44.2	59.2
	S. D.	13.28	10.87	10.31	9.01	6.85	4.79	3.82	3.45	5.28	8.44	11.21	11.04	14.56
	TOTAL OBS	155	141	154	150	155	149	155	155	150	155	150	155	1824
13	MEAN	45.1	47.5	55.2	58.4	66.2	71.7	74.9	75.4	72.3	61.5	54.8	47.2	60.9
	S. D.	12.34	10.82	9.69	8.31	6.74	4.66	4.23	3.45	4.79	7.95	10.53	10.11	13.52
	TOTAL OBS	155	141	155	150	154	150	155	155	150	154	150	155	1824
16	MEAN	45.2	48.1	55.4	58.4	66.1	71.3	74.3	74.9	71.7	61.3	54.3	46.8	60.7
	S. D.	11.82	10.50	8.84	7.92	6.38	4.31	3.81	3.53	4.72	7.96	10.02	9.95	13.14
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
19	MEAN	42.6	44.6	52.3	56.1	64.5	69.9	73.0	73.4	69.7	58.4	50.8	44.0	58.3
	S. D.	12.22	10.51	8.52	7.57	5.95	4.19	3.81	3.15	4.84	8.46	10.56	10.59	13.72
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	155	1826
22	MEAN	40.7	42.1	50.0	54.2	62.7	68.4	71.3	71.9	68.4	56.5	48.7	42.5	56.5
	S. D.	12.57	11.37	9.30	8.45	6.69	4.82	3.95	3.79	5.33	9.07	11.02	11.37	14.24
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	154	1825
ALL HOURS	MEAN	41.7	43.0	51.2	55.0	63.6	69.5	72.5	73.2	69.5	57.7	50.1	43.3	57.6
	S. D.	13.19	11.77	10.12	9.09	7.07	5.03	4.39	3.91	5.54	9.32	11.58	11.45	14.55
	TOTAL OBS	1240	1128	1239	1200	1239	1199	1240	1240	1200	1200	1239	1200	1236

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13754 CHERRY POINT, NORTH CAROLINA 73-77

STATION NAME YEARS

HRS (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN 35.8 S. D. 16.538 TOTAL OBS 155	35.8 14.079 155	45.3 11.624 155	48.7 11.609 150	59.6 8.157 155	65.9 6.044 150	69.0 4.855 155	70.4 4.293 155	66.2 6.096 150	53.5 10.656 155	44.7 13.239 150	37.9 13.947 154	52.8 16.576 1825
04	MEAN 35.4 S. D. 16.719 TOTAL OBS 155	34.8 13.966 141	44.4 12.442 155	48.1 11.607 150	58.7 8.463 155	65.4 6.125 150	68.4 4.924 155	70.1 4.057 155	65.7 6.302 150	52.5 10.908 155	43.9 13.576 150	36.9 14.217 154	52.1 16.796 1825
07	MEAN 34.5 S. D. 16.905 TOTAL OBS 155	34.5 13.987 141	44.7 12.777 155	49.1 11.521 150	60.3 8.605 155	67.4 6.078 150	70.5 4.585 155	71.7 3.881 155	66.9 6.643 150	52.5 11.067 155	43.4 13.808 150	36.3 14.515 154	52.8 17.607 1825
10	MEAN 36.3 S. D. 17.055 TOTAL OBS 155	36.5 14.470 141	46.9 14.036 154	49.1 12.302 150	59.6 9.634 155	66.7 6.533 149	70.5 4.994 155	71.9 4.227 155	68.1 6.575 150	54.6 11.175 155	46.8 14.302 150	38.5 14.698 155	53.9 17.250 1824
13	MEAN 36.9 S. D. 16.587 TOTAL OBS 155	37.6 15.106 141	47.0 14.310 155	48.5 12.107 150	59.6 9.715 154	66.6 6.653 150	70.0 5.849 155	71.4 4.391 155	67.8 6.353 150	54.6 11.062 154	46.9 14.213 150	39.1 14.844 155	53.9 17.002 1824
16	MEAN 36.8 S. D. 16.324 TOTAL OBS 155	38.6 15.406 141	47.8 13.626 155	48.9 12.228 150	59.9 9.856 155	66.2 6.272 150	69.7 5.668 155	71.4 4.392 155	67.6 6.428 150	54.7 11.356 155	46.8 14.186 150	39.0 14.743 155	54.0 16.815 1826
19	MEAN 37.3 S. D. 15.735 TOTAL OBS 155	38.4 14.171 141	47.1 12.222 155	50.0 10.995 150	60.3 8.490 155	66.6 5.802 150	70.0 5.169 155	71.4 4.013 155	67.4 5.856 150	55.0 10.423 155	46.8 12.983 150	39.5 13.755 155	54.2 16.166 1826
22	MEAN 36.2 S. D. 15.568 TOTAL OBS 155	37.2 13.985 141	46.5 11.526 155	50.3 10.821 150	60.3 8.055 155	66.5 5.850 150	69.5 4.717 155	70.7 4.345 155	66.8 6.111 150	54.1 10.280 155	45.6 12.845 150	38.5 13.949 154	53.6 16.241 1825
ALL HOURS	MEAN 36.2 S. D. 16.412 TOTAL OBS 1240	36.7 14.436 1128	46.2 12.875 1239	49.1 11.647 1200	59.8 8.888 1239	66.4 6.183 1199	69.7 5.145 1240	71.1 4.234 1240	67.1 6.328 1200	53.9 10.880 1239	45.6 13.680 1200	38.2 14.336 1236	53.4 16.824 14600

RELATIVE HUMIDITY

MAR
MONTHMAR
MONTH

73-77

PERIOD

CHERRY POINT, NORTH CAROLINA

STATION NAME

13754

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	100.0	100.0	98.7	95.5	91.6	83.2	60.0	19.4	80.5	155
	04	100.0	100.0	100.0	100.0	92.9	88.4	82.6	67.7	29.0	81.5	155
	07	100.0	100.0	100.0	99.4	94.8	87.7	83.2	66.5	30.3	82.2	155
	10	100.0	100.0	96.1	88.3	75.3	60.4	46.1	31.2	14.3	66.8	154
	13	100.0	98.1	87.7	74.8	61.9	47.7	33.5	23.2	4.5	58.6	155
	16	100.0	98.1	89.0	78.1	67.1	52.9	39.4	25.2	4.5	60.6	155
	19	100.0	99.4	94.8	90.3	87.1	74.8	56.1	36.8	9.7	71.2	155
	22	100.0	100.0	100.0	97.4	94.2	86.5	74.2	54.8	20.0	78.5	155
TOTALS		100.0	99.5	96.0	90.9	83.6	73.8	62.3	45.7	16.5	72.5	1239

RELATIVE HUMIDITY

APR	MONTH
-----	-------

APR	MONTH
-----	-------

73-77

NORTH CAROLINA

NORTH CAROLINA

13754

STATION

STATION NAME

NORTH CAROLINA

73-77

PERIOD

APR	MONTH
-----	-------

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	01	100.0	100.0	98.7	97.3	94.0	83.3	72.0	50.0	12.7	76.8	150
	04	100.0	100.0	100.0	98.7	95.3	69.3	78.0	60.7	20.0	80.1	150
	07	100.0	100.0	100.0	99.3	97.3	88.0	73.3	58.0	20.0	79.1	150
	10	100.0	100.0	96.7	82.7	60.7	39.3	18.0	10.7	5.3	56.7	150
	13	100.0	100.0	86.7	63.3	38.0	20.0	12.7	8.0	1.3	48.5	150
	16	100.0	100.0	86.7	69.3	48.0	24.0	14.7	6.7	1.3	50.2	150
	19	100.0	100.0	97.3	92.7	78.0	58.0	36.7	17.3	5.3	64.0	150
	22	100.0	99.3	99.3	96.0	93.3	86.7	72.7	42.7	6.7	75.2	150
TOTALS		100.0	99.9	95.7	87.7	75.6	61.1	47.3	31.8	9.1	66.3	1200

RELATIVE HUMIDITY

13754

CHERRY POINT, NORTH CAROLINA

73-77

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	98.7	93.5	55.5	90.7	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.1	68.4	92.5	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	98.7	92.9	63.9	91.8	155
	10	100.0	100.0	100.0	100.0	100.0	86.5	53.5	20.6	5.8	72.2	155
	13	100.0	100.0	100.0	99.4	87.7	67.7	29.7	17.4	7.1	66.3	155
	16	100.0	100.0	100.0	100.0	94.2	78.1	43.2	21.9	7.7	69.9	155
	19	100.0	100.0	100.0	100.0	99.4	96.8	89.7	54.8	18.1	81.4	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.1	91.0	34.8	88.0	155
TOTALS		100.0	100.0	100.0	99.9	97.7	91.1	76.5	61.5	32.7	81.6	1240

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 PERIOD SEP MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	100.0	100.0	100.0	98.7	96.7	88.7	35.3	87.8	150
	04	100.0	100.0	100.0	100.0	100.0	99.3	96.7	86.7	37.3	88.6	150
	07	100.0	100.0	100.0	100.0	100.0	99.3	96.0	89.3	46.0	89.4	150
	10	100.0	100.0	100.0	99.3	98.0	86.7	54.7	20.0	5.3	71.7	150
	13	100.0	100.0	100.0	97.3	89.3	60.7	30.0	11.3	3.3	64.7	150
	16	100.0	100.0	100.0	98.0	90.7	69.3	38.7	14.0	2.7	67.2	150
	19	100.0	100.0	100.0	100.0	100.0	96.7	86.7	53.3	8.7	80.0	150
	22	100.0	100.0	100.0	100.0	100.0	99.3	96.0	81.3	21.3	85.5	150
TOTALS		100.0	100.0	100.0	99.3	97.3	88.8	74.4	55.6	20.0	79.4	1200

2

MEMO

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13754

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

TOTALS

NAVWEASERVCOM

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

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STATION 13754 CHERRY POINT, NORTH CAROLINA 73-77 PERIOD ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.8	97.8	91.1	82.8	72.7	60.0	41.5	22.7	72.6	1240
FEB		100.0	99.8	95.9	88.5	79.2	66.6	52.3	35.3	11.8	68.4	1128
MAR		100.0	99.5	96.0	90.9	83.6	73.8	62.3	45.7	16.5	72.5	1239
APR		100.0	99.9	95.7	87.7	75.6	61.1	47.3	31.8	9.1	66.3	1200
MAY		100.0	99.9	98.6	94.8	87.7	76.7	63.6	45.2	13.9	73.9	1239
JUN		100.0	100.0	99.9	97.5	91.7	82.6	67.2	48.7	12.7	75.7	1200
JUL		100.0	100.0	99.9	98.5	94.9	84.5	65.6	47.3	15.0	76.1	1240
AUG		100.0	100.0	100.0	99.9	97.7	91.1	76.5	61.3	32.7	81.6	1240
SEP		100.0	100.0	100.0	99.3	97.3	88.8	74.4	55.6	20.0	79.4	1200
OCT		100.0	100.0	99.4	95.6	88.8	79.7	67.1	47.8	17.6	75.4	1239
NOV		100.0	100.0	98.2	94.3	87.7	76.9	63.8	44.8	19.4	74.2	1200
DEC		100.0	100.0	98.6	93.1	85.3	75.6	62.0	44.2	19.3	73.5	1236
TOTALS		100.0	99.9	98.3	94.3	87.7	77.5	63.5	45.8	17.6	74.1	14601

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

ALL

MONTH

JANUARY 1973-DECEMBER 1977

CHERRY POINT, NORTH CAROLINA

13734

STATION NAME

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76	5.0	1.8	1.8	1.8	3.0	45.0	45.0			20	1.6
67 TO 71	1.8	1.8	4.3	2.6	32.1	35.7	19.6		5.4	36	4.5
62 TO 66	1.7			2.6	20.5	40.2	23.9	4.3	2.6	117	9.4
57 TO 61	.8	.8	3.4	4.2	11.0	26.3	29.7	5.9	17.8	118	9.5
52 TO 56	13.4	9.4	10.3	3.4	1.7	16.2	13.7	11.1	18.8	117	9.4
47 TO 51	13.6	13.6	13.6	1.4	.7	5.4	19.7	10.9	21.1	147	11.9
42 TO 46	22.1	19.5	10.4	1.3	3.2	5.8	11.0	10.4	16.2	154	12.4
37 TO 41	20.9	17.6	6.5	2.0	3.3	3.3	7.8	7.8	30.7	153	12.3
32 TO 36	25.9	20.9	2.9	2.2		.8	3.6	12.2	32.4	139	11.2
27 TO 31	35.6	16.1	3.4	.8	1.7	.8	3.4	13.6	24.6	118	9.5
22 TO 26	26.4	13.6	6.1		1.5		1.5	10.6	30.3	66	5.3
17 TO 21	32.0	20.0						32.0	16.0	25	2.0
12 TO 16	28.6							14.3	57.1	7	.6
7 TO 11	66.7								33.3	3	.2
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	18.0	12.3	6.5	1.9	5.8	12.0	13.5	9.5	20.6	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

CHERRY POINT, NORTH CAROLINA

13734

1973-DECEMBER 1977

ALL

HOURS (L.S.T.)

MONTH

YEARS

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	11.5	10.2	6.3	2.0	9.2	12.9	19.0	11.3	22.7	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

CHERRY POINT, NORTH CAROLINA

13754

STATION

JANUARY 1973-DECEMBER 1977

MONTH

ALL

HOURS (L.S.T.)

STATION NAME

YEARS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91						100.0				1	.1
82 TO 86	25.0				50.0	43.5	25.0			4	.3
77 TO 81	13.0		4.3		8.7	21.7	21.7	4.3	4.3	23	1.9
72 TO 76	1.8	3.6	1.8		18.2	38.2	29.1	7.3		35	4.4
67 TO 71	3.5	2.8	3.5	4.2	18.2	32.9	25.9	5.6	3.5	143	11.5
62 TO 66	8.1	1.1	7.6	3.8	17.8	28.1	17.8	4.9	10.8	185	14.9
57 TO 61	9.3	11.2	15.6	6.8	9.3	15.6	8.8	5.4	18.0	205	16.5
52 TO 56	12.3	13.6	15.5	3.2	5.9	4.1	9.5	5.5	30.5	220	17.7
47 TO 51	16.9	18.1	10.6	1.9	1.9	3.8	6.3	11.3	29.4	160	12.9
42 TO 46	18.1	19.8	10.3			1.7	6.0	9.5	34.5	116	9.4
37 TO 41	11.1	19.8	1.2		1.2		3.7	22.2	40.7	81	6.5
32 TO 36	12.5	12.5						18.8	56.3	32	2.6
27 TO 31	6.7						13.3	20.0	60.0	15	1.2
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.7	10.7	9.4	3.0	8.8	14.5	12.3	8.1	22.3	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

13754 STATION CHERRY POINT, NORTH CAROLINA WIND DIRECTION JANUARY 1973-DECEMBER 1977 MONTH APRIL ALL HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	20.0	15.4			23.1	20.0	20.0	20.0	20.0	1	.1
82 TO 86	7.7	3.9			23.1	20.0	20.0	20.0	20.0	5	.4
77 TO 81	5.3	3.9	3.9		11.8	40.8	28.9	3.9	1.3	13	1.1
72 TO 76	3.3	3.3	9.1	2.5	19.8	37.2	19.8	3.3	1.7	76	6.3
67 TO 71	5.8	2.4	4.2	2.9	15.0	42.5	18.4	3.9	4.8	121	10.1
62 TO 66	10.2	2.9	10.2	2.4	13.2	19.3	14.6	8.3	18.3	207	17.3
57 TO 61	9.2	9.2	8.2	4.1	7.7	10.7	14.8	9.7	26.3	205	17.1
52 TO 56	13.6	12.4	10.7	4.1	1.8	7.7	8.9	15.4	25.4	196	16.3
47 TO 51	12.4	10.6	6.2	1.8	4.4	6.0	9.7	9.7	37.2	169	14.1
42 TO 46	19.6	8.9	5.4	1.8	1.8	1.8	5.4	17.9	39.3	113	9.4
37 TO 41	9.1			3.0			12.1	12.1	63.6	33	2.8
32 TO 36									100.0	5	.4
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.3	6.3	7.3	2.7	9.8	21.1	15.1	8.6	19.8	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

13754
STATION

CHERRY POINT, NORTH CAROLINA

WIND DIRECTION

JANUARY 1973-DECEMBER 1977

MAY

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	11.8	11.8	3.9		11.8		23.5	23.5	11.8	17	1.4
82 TO 86	5.9	5.9	5.9		14.7	42.6	16.2	5.9	2.9	68	5.5
77 TO 81	8.6	7.9	7.2	5.3	20.4	25.0	17.8	3.3	4.6	152	12.3
72 TO 76	6.4	5.6	11.2	6.4	23.2	20.8	10.8	5.6	10.0	250	20.2
67 TO 71	7.2	10.6	11.2	4.9	16.3	16.6	10.0	3.7	19.5	349	28.1
62 TO 66	9.5	17.0	16.5	3.0	3.5	6.0	4.5	4.5	35.5	200	16.1
57 TO 61	14.8	16.5	10.4	4.3	3.5	.9	7.8	7.8	33.9	113	9.3
52 TO 56	16.9	18.5	3.1	3.1	1.5		7.7	6.2	43.1	65	5.2
47 TO 51	5.3	10.5	5.3	5.3	10.5			26.3	36.8	19	1.5
42 TO 46									100.0	3	.2
37 TO 41									100.0	2	.2
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	8.7	11.0	10.6	4.4	13.9	15.3	10.2	5.4	20.5	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

CHERRY POINT, NORTH CAROLINA

13754

JANUARY 1973-DECEMBER 1977

JUNE

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	25.0	25.0	3.6	1.8	12.5	32.1	19.6	10.7	25.0	4	3
87 TO 91	16.1	6.3	6.9	5.7	24.0	26.3	17.1	5.1	3.6	36	4.7
82 TO 86	4.0	6.3	12.1	6.3	20.6	26.7	10.1	5.7	4.6	175	14.6
77 TO 81	6.1	6.9	13.1	4.5	12.3	19.7	10.1	1.6	5.7	247	20.6
72 TO 76	6.1	13.0	11.5	2.4	5.1	7.9	5.9	2.8	25.6	375	31.3
67 TO 71	9.9	31.3	4.7	3.1	3.1	4.7	7.8	6.3	41.5	253	21.1
62 TO 66	6.3	40.9			9.1		4.5	9.1	32.8	64	5.3
57 TO 61	9.1								27.3	22	1.8
52 TO 56									100.0	2	.2
47 TO 51										1	.1
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	7.2	9.7	10.4	4.3	13.6	19.0	10.5	4.0	21.3	1199	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

13754

STATION NAME
CHERRY POINT, NORTH CAROLINA

MONTH
JANUARY 1973-DECEMBER 1977

MONTH
JULY

ALL
HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101						25.0	25.0	50.0		4	.3
92 TO 96	8.7	4.0	8.8	8.0	4.3	21.7	43.5	21.7		23	1.9
87 TO 91	4.0	5.2	14.7	4.4	14.4	25.6	25.6	4.0	3.6	125	10.1
82 TO 86	4.0	5.2	14.7	4.4	17.9	25.7	19.1	3.6	4.4	251	20.2
77 TO 81	5.0	6.2	9.0	1.9	12.7	27.3	17.1	3.4	17.4	322	26.0
72 TO 76	4.2	8.1	6.2	2.8	7.3	16.6	13.5	2.2	39.0	356	28.7
67 TO 71	8.1	6.6	7.4	2.9	2.2	8.8	4.4	5.1	54.4	136	11.0
62 TO 66		5.3	5.3			15.8	5.3		68.4	19	1.5
57 TO 61				33.3					66.7	3	.2
52 TO 56									100.0	1	.1
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	4.8	6.2	8.9	3.4	10.8	21.5	16.2	3.8	24.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

STATION NAME
CHERRY POINT, NORTH CAROLINA

STATION
13754

YEARS
JANUARY 1973-DECEMBER 1977

MONTH
AUGUST

HOURS (L.S.T.)
ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	11.1	3.6				22.2	100.0	5.6		1	.1
87 TO 91	2.9	8.7	4.8	5.8	11.5	27.9	55.6	5.8	8.7	18	1.5
82 TO 86	4.1	8.6	23.2	4.6	14.9	20.1	24.0	3.8	4.6	104	8.4
77 TO 81	5.1	6.3	13.1	3.3	10.7	28.6	16.0	3.6	4.6	194	13.6
72 TO 76	4.9	9.3	9.3	3.2	7.8	7.4	17.3	3.6	12.2	336	27.1
67 TO 71	4.9	19.1	13.6	2.5	.6	2.5	9.3	2.7	46.1	408	32.9
62 TO 66	6.3	12.5	6.3				3.7	3.1	50.0	162	13.1
57 TO 61								6.3	68.8	16	1.3
52 TO 56								100.0		1	.1
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	4.8	9.5	12.6	3.3	8.9	16.3	13.6	3.3	27.4	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

13754
STATION

CHERRY POINT, NORTH CAROLINA

WIND DIRECTION

JANUARY 1973-DECEMBER 1977

SEPTEMBER

ALL

HOURS (L.S.T.)

STATION NAME

YEARS

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	12.5	7.5	12.5	12.5	20.0	20.0	10.0	5.0		40	3.3
82 TO 86	4.1	4.8	13.7	5.5	19.2	21.9	17.1	8.9	4.8	146	12.2
77 TO 81	6.3	12.2	24.3	5.4	15.3	15.3	9.5	2.3	9.5	222	18.5
72 TO 76	4.9	13.9	12.9	4.0	10.6	8.9	8.0	4.0	32.7	423	35.4
67 TO 71	8.7	30.6	9.1	1.2	2.9	5.0	3.3	4.5	34.7	242	20.2
62 TO 66	27.6	23.7	5.3	1.3				3.9	38.2	76	6.3
57 TO 61	17.9	28.2		2.6				2.6	48.7	39	3.3
52 TO 56		37.5							62.5	8	.7
47 TO 51									100.0	2	.2
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.9	16.8	13.3	3.9	10.2	10.3	7.7	4.3	25.5	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

CHERRY POINT, NORTH CAROLINA

13754

STATION

JANUARY 1973-DECEMBER 1977

YEARS

OCTOBER

ALL

HOURS (L.S.T.)

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.6	23.4	9.9	1.9	3.6	7.0	9.6	4.9	25.9	123.9	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

CHERRY POINT, NORTH CAROLINA

13754
STATION

JANUARY 1973-DECEMBER 1977

NOVEMBER

ALL

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	100.0										
82 TO 86		4.0	12.0	20.0	24.0	28.0	50.0		50.0	1	.1
77 TO 81		5.9	11.8	1.5	17.6	33.8	8.0		4.0	25	2.1
72 TO 76	1.5	12.1	9.2	2.1	11.3	29.1	17.6	4.4	5.9	68	5.7
67 TO 71	4.3	10.3	11.6	4.1	9.6	15.1	14.9	3.5	13.5	141	11.8
62 TO 66	4.1	16.1	9.8	.7	2.1	6.3	18.5	7.5	19.2	146	12.2
57 TO 61	9.1	15.6	13.4	1.7	2.2	3.9	14.7	9.1	32.2	143	11.9
52 TO 56	13.4	8.5	7.3	1.8			14.5	9.5	25.7	179	14.9
47 TO 51	22.0	14.8	3.0	.7	2.2	1.5	6.1	12.8	35.4	164	13.7
42 TO 46	25.9	13.1	3.0	1.0	1.0	1.0	7.4	10.4	34.1	135	11.3
37 TO 41	12.1	9.0					9.1	15.2	44.4	99	8.3
32 TO 36	20.9						6.0	13.4	50.7	67	5.6
27 TO 31	7.1				3.6		7.1	10.7	71.4	28	2.3
22 TO 26									100.0	2	.2
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	12.5	11.8	8.2	2.0	5.0	10.2	12.1	9.3	29.1	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

CHERRY POINT, NORTH CAROLINA

13754

ALL

DECEMBER

JANUARY 1973-DECEMBER 1977

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	14.4	10.8	8.3	2.0	4.7	9.5	18.8	10.2	21.4	124.0	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

13734

STATION

CHERRY POINT, NORTH CAROLINA

WIND DIRECTION

JANUARY 1973-DECEMBER 1977

YEARS

ALL

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101						20.0	40.0	40.0		5	.0
92 TO 96	10.9	2.2	2.2		2.2	21.7	45.7	13.0	2.2	46	.3
87 TO 91	7.4	5.4	6.9	6.3	13.4	25.7	22.0	6.9	6.0	350	2.4
82 TO 86	4.3	6.2	13.9	4.4	18.4	25.6	17.8	4.8	4.6	870	6.0
77 TO 81	6.1	7.4	12.6	4.3	14.9	26.0	15.4	3.6	9.9	1482	10.1
72 TO 76	5.2	8.8	11.0	3.6	11.9	16.8	12.4	3.3	27.2	2244	15.4
67 TO 71	7.0	13.3	9.3	3.0	9.9	17.8	11.1	3.8	24.5	2017	13.8
62 TO 66	9.1	11.1	8.4	3.0	10.3	18.0	14.8	5.3	20.0	1499	10.3
57 TO 61	9.6	13.7	7.9	3.3	6.4	10.9	13.7	7.5	24.7	1289	8.8
52 TO 56	11.6	13.6	10.6	3.0	3.1	8.3	14.8	8.8	26.2	1244	8.5
47 TO 51	15.3	13.8	10.5	1.3	2.1	5.0	13.6	12.0	26.2	1042	7.1
42 TO 46	19.5	16.3	8.3	.7	1.8	4.3	11.1	10.5	27.5	811	5.6
37 TO 41	16.2	16.0	4.3	.7	1.3	1.6	8.1	13.3	36.5	693	4.7
32 TO 36	21.9	14.1	3.1	.8	.4	.8	4.3	12.6	41.8	483	3.3
27 TO 31	25.5	12.2	2.1	.9	.9	1.2	3.6	16.0	37.7	337	2.3
22 TO 26	32.3	10.5	3.0	.8	.8	.8	.8	11.3	39.8	133	.9
17 TO 21	26.5	10.2						16.3	46.9	49	.3
12 TO 16	22.2							11.1	66.7	9	.1
7 TO 11	66.7								33.3	3	.0
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	10.3	11.6	9.3	2.9	8.4	14.1	13.1	6.9	23.4	14606	100.0

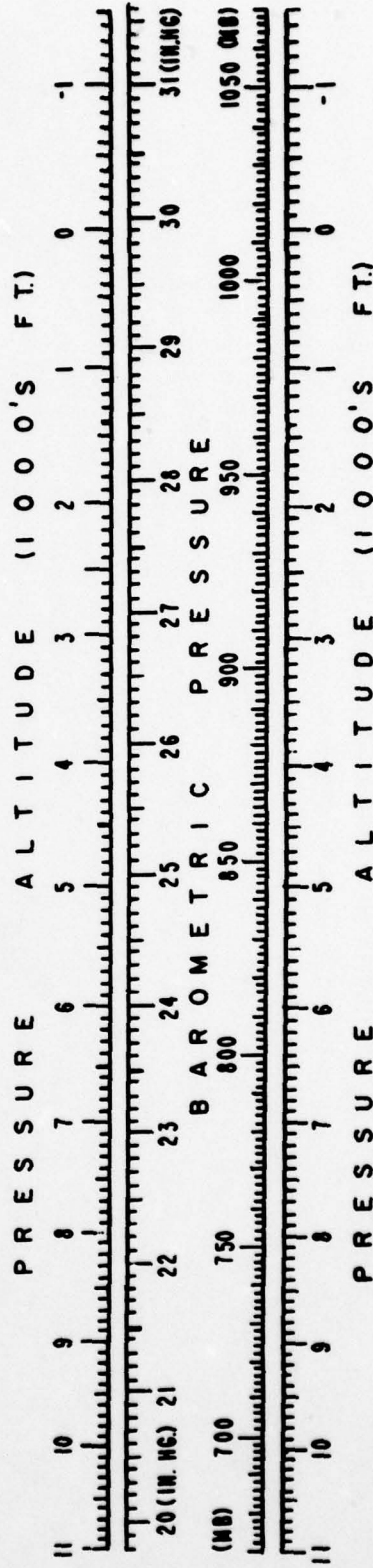
NWSD, Federal Building
Asheville, N. C.

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-77

CHERRY POINT, NORTH CAROLINA

STATION NAME

YEARS

HRS (L.S.T.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	30.079 S. D. TOTAL OBS	30.046 S. D. TOTAL OBS	30.013 S. D. TOTAL OBS	30.009 S. D. TOTAL OBS	29.954 S. D. TOTAL OBS	29.969 S. D. TOTAL OBS	29.999 S. D. TOTAL OBS	30.041 S. D. TOTAL OBS	30.014 S. D. TOTAL OBS	30.053 S. D. TOTAL OBS	30.075 S. D. TOTAL OBS	30.052 S. D. TOTAL OBS	30.025 S. D. TOTAL OBS
04	30.077 S. D. TOTAL OBS	30.038 S. D. TOTAL OBS	29.994 S. D. TOTAL OBS	29.998 S. D. TOTAL OBS	29.941 S. D. TOTAL OBS	29.955 S. D. TOTAL OBS	29.985 S. D. TOTAL OBS	30.028 S. D. TOTAL OBS	29.997 S. D. TOTAL OBS	30.041 S. D. TOTAL OBS	30.068 S. D. TOTAL OBS	30.047 S. D. TOTAL OBS	30.014 S. D. TOTAL OBS
07	30.093 S. D. TOTAL OBS	30.059 S. D. TOTAL OBS	30.023 S. D. TOTAL OBS	30.032 S. D. TOTAL OBS	29.972 S. D. TOTAL OBS	29.978 S. D. TOTAL OBS	30.009 S. D. TOTAL OBS	30.051 S. D. TOTAL OBS	30.023 S. D. TOTAL OBS	30.067 S. D. TOTAL OBS	30.091 S. D. TOTAL OBS	30.063 S. D. TOTAL OBS	30.039 S. D. TOTAL OBS
10	30.128 S. D. TOTAL OBS	30.086 S. D. TOTAL OBS	30.040 S. D. TOTAL OBS	30.044 S. D. TOTAL OBS	29.981 S. D. TOTAL OBS	29.990 S. D. TOTAL OBS	30.018 S. D. TOTAL OBS	30.065 S. D. TOTAL OBS	30.040 S. D. TOTAL OBS	30.087 S. D. TOTAL OBS	30.116 S. D. TOTAL OBS	30.096 S. D. TOTAL OBS	30.057 S. D. TOTAL OBS
13	30.068 S. D. TOTAL OBS	30.040 S. D. TOTAL OBS	30.002 S. D. TOTAL OBS	30.007 S. D. TOTAL OBS	29.957 S. D. TOTAL OBS	29.973 S. D. TOTAL OBS	30.004 S. D. TOTAL OBS	30.050 S. D. TOTAL OBS	30.013 S. D. TOTAL OBS	30.047 S. D. TOTAL OBS	30.063 S. D. TOTAL OBS	30.040 S. D. TOTAL OBS	30.022 S. D. TOTAL OBS
16	30.048 S. D. TOTAL OBS	30.002 S. D. TOTAL OBS	29.964 S. D. TOTAL OBS	29.972 S. D. TOTAL OBS	29.925 S. D. TOTAL OBS	29.949 S. D. TOTAL OBS	29.976 S. D. TOTAL OBS	30.021 S. D. TOTAL OBS	29.983 S. D. TOTAL OBS	30.025 S. D. TOTAL OBS	30.041 S. D. TOTAL OBS	30.023 S. D. TOTAL OBS	29.994 S. D. TOTAL OBS
19	30.074 S. D. TOTAL OBS	30.024 S. D. TOTAL OBS	29.982 S. D. TOTAL OBS	29.989 S. D. TOTAL OBS	29.930 S. D. TOTAL OBS	29.951 S. D. TOTAL OBS	29.976 S. D. TOTAL OBS	30.022 S. D. TOTAL OBS	29.990 S. D. TOTAL OBS	30.046 S. D. TOTAL OBS	30.067 S. D. TOTAL OBS	30.047 S. D. TOTAL OBS	30.008 S. D. TOTAL OBS
22	30.093 S. D. TOTAL OBS	30.047 S. D. TOTAL OBS	30.012 S. D. TOTAL OBS	30.020 S. D. TOTAL OBS	29.960 S. D. TOTAL OBS	29.977 S. D. TOTAL OBS	30.003 S. D. TOTAL OBS	30.050 S. D. TOTAL OBS	30.017 S. D. TOTAL OBS	30.064 S. D. TOTAL OBS	30.084 S. D. TOTAL OBS	30.061 S. D. TOTAL OBS	30.032 S. D. TOTAL OBS
ALL HOURS	30.082 S. D. TOTAL OBS	30.043 S. D. TOTAL OBS	30.004 S. D. TOTAL OBS	30.009 S. D. TOTAL OBS	29.953 S. D. TOTAL OBS	29.968 S. D. TOTAL OBS	29.997 S. D. TOTAL OBS	30.041 S. D. TOTAL OBS	30.010 S. D. TOTAL OBS	30.054 S. D. TOTAL OBS	30.076 S. D. TOTAL OBS	30.054 S. D. TOTAL OBS	30.024 S. D. TOTAL OBS

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

19754 CHERRY POINT, NORTH CAROLINA 73-77

HRS.(LST.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	MEAN	1019.8	1018.8	1017.7	1017.6	1015.7	1016.2	1017.2	1018.6	1017.7	1019.8	1019.0	1018.1
	S. D.	6.999	7.414	6.983	6.884	4.851	4.696	3.842	3.172	4.093	5.888	6.297	6.123
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
04	MEAN	1019.8	1018.5	1017.0	1017.2	1015.3	1015.7	1016.7	1018.2	1017.2	1018.7	1019.6	1017.7
	S. D.	7.107	7.149	6.940	7.155	4.922	4.664	3.865	3.304	4.071	5.915	6.302	6.187
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
07	MEAN	1020.4	1019.3	1018.0	1018.4	1016.3	1016.5	1017.6	1019.0	1018.0	1020.2	1019.4	1018.6
	S. D.	7.165	7.091	7.139	7.441	4.908	4.653	3.906	3.340	4.142	6.119	6.287	6.239
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
10	MEAN	1021.6	1020.2	1018.6	1018.7	1016.6	1016.9	1018.0	1019.5	1018.6	1020.2	1020.5	1019.2
	S. D.	7.354	7.376	7.532	7.657	5.043	4.761	3.953	3.357	4.169	6.171	6.357	6.412
	TOTAL OBS	155	141	155	150	155	149	155	155	150	155	150	1825
13	MEAN	1019.6	1018.6	1017.3	1017.5	1015.8	1016.4	1017.4	1019.0	1017.7	1018.9	1019.4	1018.0
	S. D.	7.412	7.674	7.790	7.487	5.111	4.914	3.882	3.296	4.289	6.258	6.460	6.403
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
16	MEAN	1018.8	1017.3	1016.0	1016.3	1014.7	1015.5	1016.5	1018.0	1016.7	1018.1	1018.6	1017.1
	S. D.	7.392	7.795	7.666	7.215	5.052	5.026	3.960	3.260	4.287	6.193	6.376	6.350
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
19	MEAN	1019.8	1018.1	1016.6	1016.8	1014.9	1015.5	1016.4	1018.0	1016.9	1018.8	1019.5	1017.5
	S. D.	7.331	7.764	7.544	6.912	4.970	4.775	3.913	3.123	4.218	5.989	6.222	6.295
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
22	MEAN	1020.4	1018.9	1017.6	1017.9	1015.9	1016.5	1017.4	1018.9	1017.8	1020.1	1019.3	1018.3
	S. D.	7.182	7.857	7.124	6.776	4.790	4.659	3.915	3.007	4.169	6.033	6.150	6.184
	TOTAL OBS	155	141	155	150	155	150	155	155	150	155	150	1826
ALL HOURS	MEAN	1020.0	1018.7	1017.4	1017.6	1015.7	1016.2	1017.1	1018.6	1017.6	1020.1	1019.8	1018.1
	S. D.	7.262	7.537	7.364	7.213	4.980	4.781	3.928	3.266	4.207	6.085	6.328	6.304
	TOTAL OBS	1240	1128	1240	1200	1240	1199	1240	1240	1200	1240	1200	14607